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LIMITED SITE ASSESSMENT REPORT BUILDING 782 POWER HOUSE JANUARY 2002 NAS
PENSACOLA FL
01/30/2002
PROFESSIONAL SERVICE INDUSTRIES, INC.



LIMITED SITE ASSESSMENT REPORT

**PENSACOLA NAVAL AIR STATION (PNAS)
BUILDING 782-POWERHOUSE
PENSACOLA, FLORIDA 32351**

January 30, 2002

PSI Project Number - 783-1G010

LIMITED SITE ASSESSMENT REPORT

For

**PENSACOLA NAVAL AIR STATION (PNAS)
BUILDING 782-POWERHOUSE
PENSACOLA, FLORIDA 32351**

Prepared for

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PSI PROJECT NO. 783-1G010

January 30, 2002

TABLE OF CONTENTS

1. EXECUTIVE SUMMARY	1
2. INTRODUCTION.....	3
2.1 PURPOSE AND SCOPE	3
2.2 SITE DESCRIPTION.....	3
2.3 SITE HISTORY.....	4
2.4 REGIONAL GEOLOGY AND HYDROGEOLOGY	7
3. SITE ASSESSMENT.....	10
3.1 SUMMARY OF ASSESSMENT ACTIVITIES	10
3.2 SITE SPECIFIC GEOLOGY	15
3.3 SOIL AND CONCRETE SLAB QUALITY	15
3.4 INVESTIGATIVE DERIVED WASTE	17
4. CONCLUSIONS AND RECOMMENDATIONS.....	19
4.1 CONCLUSIONS	19
4.2 RECOMMENDATIONS.....	21

FIGURES

- Figure 1 Topographic Map
Figure 2 Site Plan
Figure 3 Soil Boring Location Map

TABLE

- Table 1 Laboratory Soil Analytical Summary

APPENDICES

- Appendix A - Soil Analytical Report
Appendix B - Boring Records/Notes

1.0 EXECUTIVE SUMMARY

PSI has conducted a Limited Site Assessment (LSA) of the Building 782-Powerhouse site located at the Pensacola Naval Air Station (PNAS) in Pensacola, Florida. The purpose of this LSA was to develop information regarding the presence of contaminants in the soil at the site considering direct exposure to contaminated soil by construction personnel and the general public to be the United States Navy's (USN) primary concern. The subject site is located near the northwest corner of Radford Boulevard and Fisher Street. The site is currently vacant.

The facility, formerly a power generation plant, was in operation from 1955 to approximately 1990. During this period, various chemicals were used in the production of power for the air station and others were applied to the site as a combination herbicide/insecticide. Chemical products were stored in no less than 16 above ground storage tanks located throughout the facility.

During December, 2001 and January, 2002, sixteen (16) soil borings were advanced to 2 feet below land surface (bls) for the purpose of identifying soil contamination. Two soil samples at each boring were collected at the surface(below existing concrete or asphalt) to one foot bls and from one to two feet bls. Two samples from the concrete slab of the main building were also taken. The samples were sent for laboratory analysis. Analysis of the thirty-one (31) soil samples indicated concentrations of arsenic, dieldrin, benzo (a) anthracene, benzo (b) fluoranthane, benzo (a) pyrene, indeno (1,2,3-cd) pyrene, and/or (a,h) anthracene above the Soil Cleanup Target Levels for direct exposure listed in Chapter 62-777, Florida Administrative Code (FAC) in 20 of the 31 samples analyzed. In 9 of the 31 samples analyzed, carbozole, benzo (a) anthracene, cadmium, chromium, and dieldrin were found to be above the Soil Cleanup Target Levels for leachability based on groundwater listed in Chapter 62-777, FAC. Analysis of the two concrete samples did not reveal organochlorine pesticides above the laboratory detection limit.

Based on the results of the field investigation and laboratory analysis of soil samples collected at the site, PSI recommends the following activities be performed during the proposed demolition:

- Abandonment of all on site monitoring wells from previous investigations.
- A project health and safety plan and hazardous materials handling plan should be developed prior to the proposed demolition activities. The primary goal of the health and safety plan should be to minimize exposure to contaminated soil by workers. The hazardous materials handling plan would address handling and disposal issues associated with any excavations or grading activities which are to be conducted.

Limited Site Assessment Report
PNAS, Building 782
PSI Project #783-1G010

- After razing the onsite structures, the subject site should be capped with a minimum of one foot of impermeable to semi-impermeable soil to impede the leaching of contaminants into the groundwater.
- Further assessment should be performed to determine the extent of soil and possible groundwater contamination.

2.0 INTRODUCTION

2.1 PURPOSE AND SCOPE

The purpose of this Limited Site Assessment was to develop information regarding the presence of contaminants in the soil at the site considering direct exposure to contaminated soil by construction personnel and the general public to be the United States Navy's (USN) primary concern. The scope of work included the following:

- Installation of 12 soil borings inside the fenced area of the former powerhouse in a grid, on 75-foot center points and installed to a maximum depth of two feet below land surface (bls) using wet diamond bit coring and hand auger boring methods. Installation of 4 soil borings inside the main building of the former powerhouse in each quadrant and installed to a maximum depth of two feet below land surface (bls) using wet diamond bit coring and hand auger boring methods.
- Collection of discrete soil samples for laboratory analysis at the surface (below concrete slabs or asphalt paving) to one foot bls and from one to two feet bls.
- Collection of two (2) concrete samples from the foundation of the main powerhouse building.
- Soil sample analysis by EPA Method 8260 for priority pollutant volatile organics, EPA Method 8270 for semivolatile organic compounds, laboratory method FL-PRO for total petroleum hydrocarbons (TPH), EPA Method 8081 for organochlorine pesticides, EPA Method 8082 for polychlorinated biphenyls (PCBs), and EPA Method 6010 for lead, arsenic, cadmium, and chromium.
- Concrete sample analysis by EPA Method 8081 for organochlorine pesticides.
- Preparation of a written Limited Site Assessment Report.

This report documents the field investigation activities, laboratory analyses and evaluation of data relative to the assessment.

2.2 SITE DESCRIPTION

Limited Site Assessment Report
PNAS, Building 782
PSI Project #783-1G010

The subject site is located at the PNAS in Pensacola, Florida. The subject site is located near the northwest corner of Radford Boulevard and Fisher Street and is currently vacant. According to the "Fort Barrancas, Florida" quadrangle USGS topographic map the site is located in Section 1, Township 3 South, Range 30 West. Figure 1 illustrates the general location of the subject site.

The subject site consists of approximately 1 acre of industrially developed land. The property is rectangular in shape and bordered by vacant lands to the east and west and parking lots to the north and south. Land use in the immediate vicinity of the site is considered to be military. Improvements to the property include: a power generation facility, ancillary structures, and associated asphalt paving and metal chain link fencing. Figure 2 illustrates the site layout.

2.3 SITE HISTORY

Construction began of the powerhouse began in 1951. The facility was in operation from 1955 to approximately 1990. Information concerning the operation and maintenance of the facility was unavailable.

According to an uncompleted contamination assessment report provided by the Navy, dated November 1997, a discharge of 400 gallons of diesel was reported to the Escambia County Environmental Health Department in 1996. The report identified petroleum impacted soil and groundwater.

2.4 REGIONAL GEOLOGY AND HYDROGEOLOGY

The subject property is located in the Southern Coastal Plains Physiographic Province. In Escambia County, the surface lithology consists primarily of quartz sand deposits of the Pleistocene/Citronelle Formation. The grains range from very fine to very coarse.

The Pensacola clay underlies the Citronelle of Pliocene age in southwestern Escambia County. The clay extends from southern Escambia County into western Alabama. The formation consists of three (3) members: an upper member composed of clay; a thin intermediate member, the Escambia Sand; and, a lower clay member. The clay is typically silty and contains variable amounts of fine to coarse sand. The Escambia sand member consists primarily of fine to coarse quartz sand. Pea size gravel may be encountered along with organic material and phosphatic sand in the lower part of the formation.

The Tampa Undifferentiated Formation lies beneath the Pensacola clay in southern Escambia County. The Tampa Undifferentiated Formation primarily consists of hard fossiliferous limestone. The Tampa Undifferentiated Formation rests unconformably upon the Chickasawhay Limestone.

Limited Site Assessment Report

PNAS, Building 782

PSI Project #783-1G010

Potable water is obtained from the deep zone of the Sand and Gravel aquifer in this area. The unconfined Sand and Gravel Aquifer consists of unconsolidated to poorly indurated clastic deposits and begins at land surface extending to a depth of approximately 300 feet in the area of the subject site. Depth to groundwater in the area of the subject site ranges for 8 to 10 feet below land surface. The groundwater flow in the area is tidally influenced.

3.0 SITE ASSESSMENT

3.1 SUMMARY OF ASSESSMENT ACTIVITIES

Field investigation and sampling activities to assess soil contamination at the site were conducted during December, 2001 and January, 2002, by Mr. Jeremy Jernigan, Mr. Dan Hayes, and Mr. Andrew Richmond of PSI. Gulf Coast Lab Net. of Spanish Fort, Alabama provided laboratory analysis.

The soil and groundwater sampling techniques employed at the Building 782-Powerhouse Site in PNAS Pensacola, Florida were conducted according to PSI's FDEP-approved Comprehensive Quality Assurance Plan (CompQAP). All efforts were made to eliminate sample contamination and maximize the reliability of the analytical results. These efforts included proper use and cleaning of sampling equipment and sample containers to maximize accuracy and precision of the analytical results, and the use of chain-of-custody procedures to track the samples from source to analysis to minimize the opportunity for tampering.

Sixteen (16) soil borings (B-1 through B-16) were advanced to 2 feet bls, with soil samples being collected for lithologic logging and laboratory analysis. Boring B-12 demonstrated auger refusal at one foot bls in three different attempts. Therefore, the last interval was not sampled. Boring locations are shown on Figure 3. The specific site geology is summarized in Section 3.2.

At each location, soil samples were collected using hand auger boring methods. Soil samples were taken at one-foot intervals to two feet bls. Soil samples were sent for laboratory analysis by EPA Method 8260 for priority pollutant volatile organics, EPA Method 8270 for semivolatile organic compounds, laboratory method FL-PRO for total petroleum hydrocarbons (TPH), EPA Method 8081 for organochloro pesticides, EPA Method 8082 for PCBs, and EPA Method 6010 for lead, arsenic, cadmium, and chromium.

Samples of the concrete foundation from B-14 and B-15 were sent for laboratory analysis by EPA Method 8081 for organochlorine pesticides. Laboratory analytical data can be found in Appendix A.

3.2 SITE SPECIFIC GEOLOGY

Based on observations of soil samples, the general soil stratigraphy is characterized as follows:

- The first six inches of the subsurface appeared to be fill material.
- From the first six inches to two feet, boring termination depth, the soil appear to be brown to tan medium sand with shell.

Voids of a thickness of 1 to 4 inches were identified beneath the concrete slab of the main powerhouse building. Boring records can be found in Appendix B.

3.3 SOIL AND CONCRETE SLAB QUALITY

A total of 31 soil samples were sent for laboratory analysis by EPA Method 8260 for priority pollutant volatile organics, EPA Method 8270 for semivolatile organic compounds laboratory method FL-PRO for total petroleum hydrocarbons (TPH), EPA Method 8081 for organochlorine pesticides, EPA Method 8082 for PCBs, and EPA Method 6010 for lead, arsenic, cadmium, and chromium. Samples of the concrete foundation from B-14 and B-15 were sent for laboratory analysis by EPA Method 8081 for organochlorine pesticides.

Seventeen (17) soil samples collected for laboratory analysis exhibited arsenic concentrations that exceed SCTL-residential direct exposure criteria. Impacted soils appear to be uniformly scattered throughout the sampling area and at varying depths. Laboratory analysis of soils located in the northeast quadrant of the sampling area, indicated concentrations of arsenic, dieldrin, benzo (a) anthracene, benzo (b) fluoranthane, benzo (a) pyrene, indeno (1,2,3-cd) pyrene, and/or (a,h) anthracene above the SCTL-residential direct exposure criteria. Nine (9) soil samples near the center of the site exhibited carbazole, benzo (a) anthracene, cadmium, chromium, and dieldrin above the SCTL for leachability based on groundwater.

Analysis of the two concrete samples did not reveal organochlorine pesticides above the laboratory detection limit.

Laboratory analytical results are summarized in Table 1. Analytical data can be found in Appendix A.

3.4 INVESTIGATIVE DERIVED WASTE MANAGEMENT AND DISPOSAL

The soil cuttings derived from the current assessment were returned to the borehole at the end of each workday.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 CONCLUSIONS

Based on the methodologies described in this report, the field investigation and analytical results indicate that soil contamination exists in connection with the subject site as defined by Chapter 62-777, FAC.

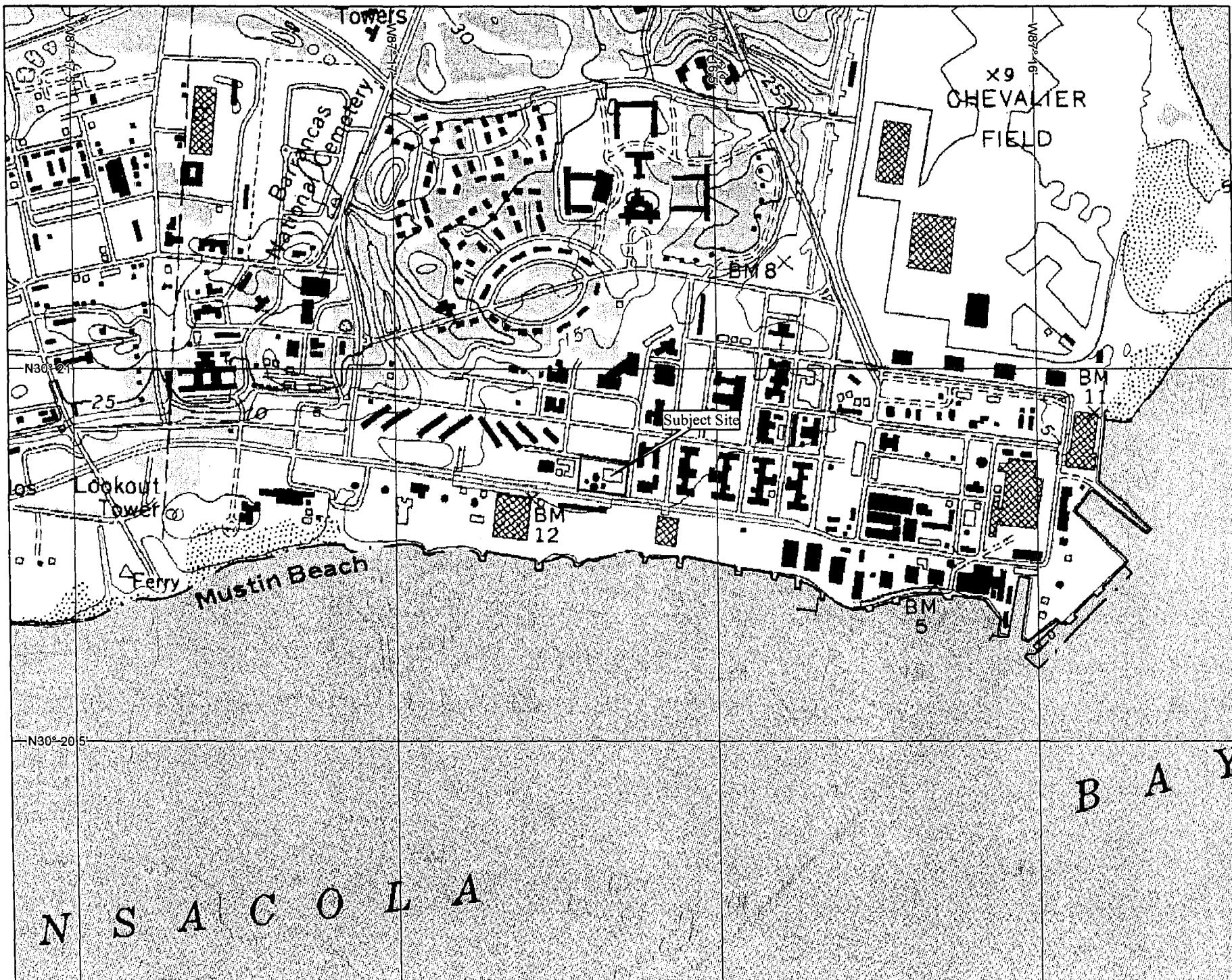
Sixteen (16) soil borings were installed during this investigation in an attempt to identify contaminated soil in connection with the subject site. Seventeen (17) soil samples collected for laboratory analysis exhibited arsenic concentrations that exceed SCTL-residential direct exposure criteria. Arsenic-impacted soils appear to be uniformly scattered throughout the sampling area and at varying depths. Concentrations of benzo (a) anthracene, benzo (b) fluoranthane, benzo (a) pyrene, indeno (1,2,3-cd) pyrene, and (a,h) anthracene above the SCTL-residential direct exposure criteria were generally located in the northeast quadrant of the sampling area. Nine (9) soil samples near the center of the site also exhibited carbozole, benzo (a) anthracene, cadmium, chromium, and/or dieldrin above the SCTL for leachability based on groundwater.

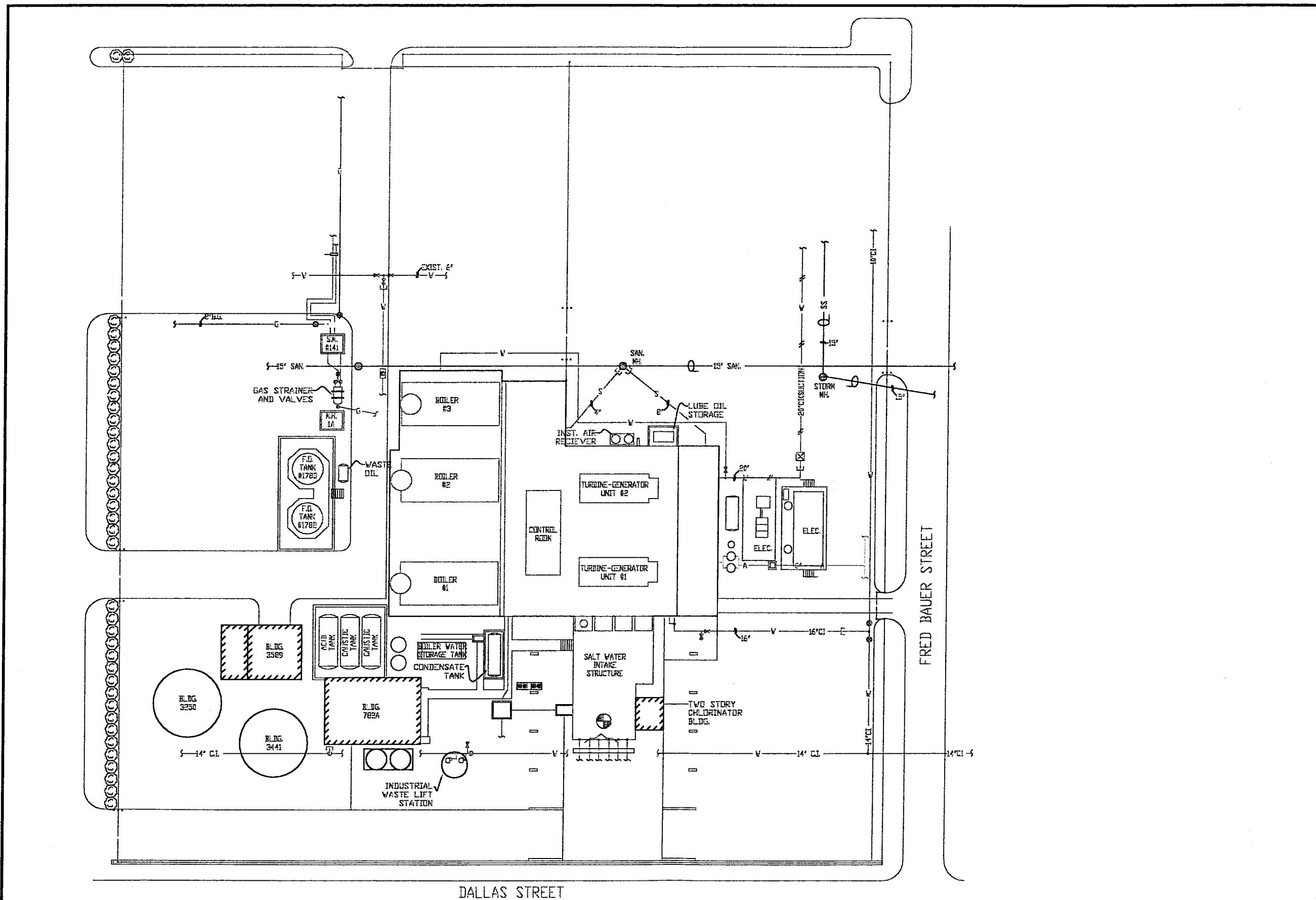
4.2 RECOMMENDATIONS

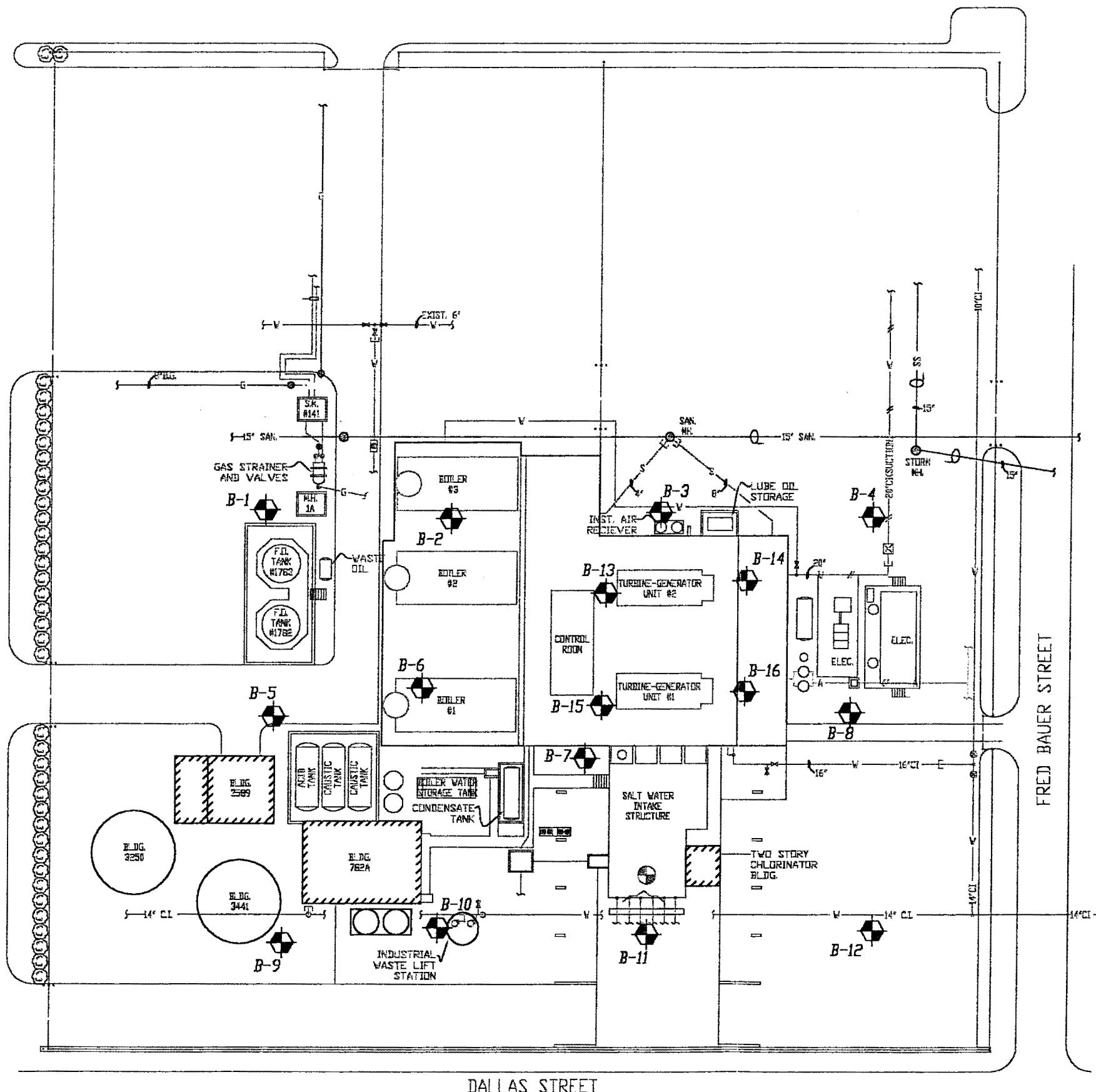
Based on the results of the field investigation and laboratory analysis of soil and groundwater samples collected at the site, PSI recommends the following activities be performed during the proposed demolition:

- Abandonment of all on site monitoring wells from previous investigations.
- A project health and safety plan and hazardous materials handling plan should be developed prior to the proposed demolition activities. The primary goal of the health and safety plan should be to minimize exposure to contaminated soil by construction/demolition workers. The hazardous materials handling plan would address handling and disposal issues associated with any excavations or grading activities which are to be conducted.
- After razing the onsite structures, the subject site should be capped with a minimum of one foot of impermeable to semi-impermeable soil to impede the leaching of contaminants into the groundwater.
- Further assessment should be performed to determine the extent of soil and possible groundwater contamination.

FIGURES

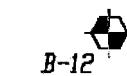






LEGEND

- SOIL BORING LOCATION



The image features the PSI logo, which consists of the letters 'psi' in a bold, lowercase, sans-serif font enclosed within a thick, dark rectangular border. To the right of the logo, the word 'Information' is written in a large, elegant, cursive script font. Below 'Information', the words 'To Build On' are also in a similar cursive script font. At the bottom of the logo, the words 'Consulting • Engineering • Testing' are displayed in a bold, sans-serif font.

**BORING LOCATION PLAN
BUILDING 782-POWERHOUSE
PENSACOLA NAVAL AIR STATION, FLORIDA**

PROJECT TITLE: LIMITED SITE ASSESSMENT BUILDING 782-POWERHOUSE PENSACOLA NAS, FLORIDA FOR BULLOCK TICE ASSOCIATES			DATE: 1/8/02
			DRAWN BY: J. JERNIGAN
			CHECKED BY: S. LONG
PROJECT NO.: 783-1G010	DRAWING NO.: BLP	SCALE: NTS	FIGURE 3

TABLE

TABL**Facility Name: Building 782-Powerhouse**

Sample						Comments
Boring Number	Date Collected	Sample Interval (ftbs)	Trichloro fluromethane (ppm)	a) Chrysene (ppm)	Benzo (b) Fluoranthene (ppm)	
B-1	12/05/2001	0-1	BDL	BDL	BDL	
B-1	12/05/2001	1-2	BDL	BDL	BDL	
B-2	12/05/2001	0-1	BDL	BDL	BDL	
B-2	12/05/2001	1-2	BDL	BDL	BDL	
B-3	12/05/2001	0-1	BDL	5.00	3.30	
B-3	12/05/2001	1-2	BDL	0.45	0.32	
B-4	12/05/2001	0-1	BDL	0.39	0.25	
B-4	12/05/2001	1-2	BDL	BDL	BDL	
B-5	12/05/2001	0-1	BDL	BDL	BDL	
B-5	12/05/2001	1-2	BDL	BDL	BDL	
B-6	12/05/2001	0-1	BDL	BDL	BDL	
B-6	12/05/2001	1-2	BDL	BDL	BDL	
B-7	12/05/2001	0-1	BDL	0.19	0.16	
B-7	12/05/2001	1-2	BDL	3.40	2.70	
B-8	12/05/2001	0-1	0.010	0.12	BDL	
B-8	12/05/2001	1-2	BDL	BDL	BDL	
B-9	12/05/2001	0-1	BDL	0.28	0.25	
B-9	12/05/2001	1-2	BDL	BDL	BDL	
B-10	12/05/2001	0-1	BDL	BDL	BDL	
B-10	12/05/2001	1-2	BDL	BDL	BDL	
B-11	12/05/2001	0-1	BDL	0.13	BDL	
B-11	12/05/2001	1-2	0.006	BDL	BDL	
B-12	12/05/2001	0-1	BDL	BDL	BDL	
B-13	01/10/2002	0-1	BDL	BDL	BDL	
B-13	01/10/2002	1-2	BDL	BDL	BDL	
B-14	01/10/2002	0-1	BDL	BDL	BDL	
B-14	01/10/2002	1-2	BDL	BDL	BDL	
B-15	01/10/2002	0-1	BDL	BDL	BDL	
B-15	01/10/2002	1-2	BDL	BDL	BDL	
B-16	01/10/2002	0-1	BDL	BDL	BDL	
B-16	01/10/2002	1-2	BDL	BDL	BDL	
State Cleanup Target Level(ppm)						
Direct Exposure - Residential			200	140	1.4	
Leachability Based on Groundwater			33	77	10	

APPENDICES

APPENDIX A

SOIL ANALYTICAL REPORT



Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-1

Sample Description:

NAS Power House

Analytical Report: B-1, 0'
Date Sampled: 12/05/2001
Time Sampled: 09:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/10	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/10	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/10	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/10	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/10	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-1

Sample Description:

NAS Power House

Analytical Report: B-1, 0'
Date Sampled: 12/05/2001
Time Sampled: 09:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/10	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/10	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/10	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/10	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/10	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/10	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/10	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/10	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-1

Sample Description:

NAS Power House

Analytical Report: B-1, 0'
Date Sampled: 12/05/2001
Time Sampled: 09:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/10	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/10	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/10	BL
Dilution Factor	1.2		5035/8260		12/07	12/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	115	%	5035/8260	52-155	12/07	12/10	BL
Toluene-D8	102	%	5035/8260	46-154	12/07	12/10	BL
4-Bromofluorobenzene	89.0	%	5035/8260	36-138	12/07	12/10	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-1

Sample Description:

NAS Power House

Analytical Report: B-1,0'
Date Sampled: 12/05/2001
Time Sampled: 09:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
		(continued)					
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-1

Sample Description:

NAS Power House

Analytical Report: B-1,0'
Date Sampled: 12/05/2001
Time Sampled: 09:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	80.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	76.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	76.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	89.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	76.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	58.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	0.75	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	1.2	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	4.3	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	56	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	91	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	84.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	78.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	60	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	85.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriacontane	69.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-1

Sample Description:

NAS Power House

Analytical Report: B-1, 0'
Date Sampled: 12/05/2001
Time Sampled: 09:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Analyst	Date	Date
Organochlorine Pesticides (continued)								
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB	
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB	
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB	
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB	
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB	
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB	
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB	
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB	
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB	
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB	
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB	
Dilution Factor	1.0		3550/8081		12/09	12/11	TB	
Surrogate Recoveries:								
TCMX	100	%	3550/8081	48-126	12/09	12/11	TB	
DCB	86.0	%	3550/8081	47-159	12/09	12/11	TB	
General Chemistry								
pH	7.34	pH Units	9045	0.10	12/10	12/10	MA	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-1

Sample Description:

NAS Power House

Analytical Report: B-1, 0'
Date Sampled: 12/05/2001
Time Sampled: 09:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-2

Sample Description:

NAS Power House

Analytical Report: B-1,1.5'
Date Sampled: 12/05/2001
Time Sampled: 09:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	94	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/10	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/10	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/10	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/10	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/10	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-2

Sample Description:

NAS Power House

Analytical Report: B-1,1.5'
Date Sampled: 12/05/2001
Time Sampled: 09:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Limit	Date	Anly.	Analyst
Volatile Organic Compounds (continued)								
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064		12/07	12/10	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013		12/07	12/10	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051		12/07	12/10	BL
Dilution Factor	1.2		5035/8260			12/07	12/10	BL
Surrogate Recoveries:								
Dibromofluoromethane	98.0	%	5035/8260	52-155		12/07	12/10	BL
Toluene-D8	69.0	%	5035/8260	46-154		12/07	12/10	BL
4-Bromofluorobenzene	42.0	%	5035/8260	36-138		12/07	12/10	BL
Semivolatile Organic Compounds								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-2

Sample Description:

NAS Power House

Analytical Report: B-1,1.5'
Date Sampled: 12/05/2001
Time Sampled: 09:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)										
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9		12/10	12/11	KK		
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71		12/10	12/11	KK		
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-2

Sample Description:

NAS Power House

Analytical Report: B-1, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 09:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds										
		(continued)								
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Dilution Factor	1.0		3550/8270			12/10	12/11	KK		
Surrogate Recoveries:										
2-Fluorophenol	74.0	%	3550/8270	29-109		12/10	12/11	KK		
Phenol-d5	74.0	%	3550/8270	30-109		12/10	12/11	KK		
Nitrobenzene-d5	74.0	%	3550/8270	15-121		12/10	12/11	KK		
2-Fluorobiphenyl	69.0	%	3550/8270	42-111		12/10	12/11	KK		
2,4,6-Tribromophenol	70.0	%	3550/8270	47-124		12/10	12/11	KK		
Terphenyl-d14	52.0	%	3550/8270	37-143		12/10	12/11	KK		
Metals										
Arsenic	BDL	mg/kg (dw)	3050/6010	0.53		12/08	12/08	SB		
Cadmium	1.7	mg/kg (dw)	3050/6010	1.1		12/08	12/08	SB		
Chromium	3.7	mg/kg (dw)	3050/6010	1.1		12/08	12/08	SB		
Lead	47	mg/kg (dw)	3050/6010	1.1		12/08	12/08	SB		
Polychlorinated Biphenyls										
PCB 1016	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR		
PCB 1221	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR		
PCB 1232	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR		
PCB 1242	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR		
PCB 1248	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR		
PCB 1254	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR		
PCB 1260	160	ug/kg (dw)	3550/8082	18		12/09	12/10	RR		
Dilution Factor	1.0		3550/8082			12/09	12/10	RR		
Surrogate Recoveries:										
TCMX	80.0	%	3550/8082	48-126		12/09	12/10	RR		
Decachlorobiphenyl	71.0	%	3550/8082	47-159		12/09	12/10	RR		
Florida Petroleum Range Organics										
TPH(C8-C40)	160	mg/kg (dw)	FLPRO	5.3		12/10	12/12	AW		
Dilution Factor	1.0		FLPRO			12/10	12/12	AW		
Surrogate Recoveries:										
o-Terphenyl	93.0	%	FLPRO	62-109		12/10	12/12	AW		
Tritriaccontane	72.0	%	FLPRO	60-118		12/10	12/12	AW		
Organochlorine Pesticides										

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-2

Sample Description:

NAS Power House

Analytical Report: B-1, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 09:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081			12/11	TB
Surrogate Recoveries:							
TCMX	95.0	%	3550/8081	48-126	12/09	12/11	TB
DCB	58.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	7.47	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-2

Sample Description:

NAS Power House

Analytical Report: B-1,1.5'
Date Sampled: 12/05/2001
Time Sampled: 09:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, EB6048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/11/2001
Log #: L585111-3

Sample Description:

NAS Power House

Analytical Report: B-2, 3
Date Sampled: 12/05/2001
Time Sampled: 10:00
Date Received: 12/11/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extra	Date	Anly.	Analyst
Percent Solids								
Percent Solid	94	%	SM2540B	0.10	BL	12/07	EP	
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.064	BL	12/10	BL	
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	BL	12/10	BL	
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	BL	12/10	BL	
Benzene	BDL	mg/kg (dw)	5035/8260	0.0026	BL	12/10	BL	
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	BL	12/10	BL	
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.064	BL	12/10	BL	
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.064	BL	12/10	BL	
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	BL	12/10	BL	
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0026	BL	12/10	BL	
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	BL	12/10	BL	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-3

Sample Description:

NAS Power House

Analytical Report: B-2,0'
Date Sampled: 12/05/2001
Time Sampled: 10:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/10	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/10	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/10	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/10	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/10	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/10	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/10	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-3

Sample Description:

NAS Power House

Analytical Report: B-2,0'
Date Sampled: 12/05/2001
Time Sampled: 10:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/10	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/10	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/10	BL
Dilution Factor	1.2		5035/8260		12/07	12/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	102	%	5035/8260	52-155	12/07	12/10	BL
Toluene-D8	82.0	%	5035/8260	46-154	12/07	12/10	BL
4-Bromofluorobenzene	59.0	%	5035/8260	36-138	12/07	12/10	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-3

Sample Description:

NAS Power House

Analytical Report: B-2, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)										
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11		12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11		12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11		12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11		12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11		12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11		12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11		12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11		12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11		12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11		12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9		12/10	12/11		12/11	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71		12/10	12/11		12/11	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11		12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11		12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-3

Sample Description:

NAS Power House

Analytical Report: B-2, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	82.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	80.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	78.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	77.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	89.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	66.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	1.3	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	63	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	19	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	170	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	30	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	88.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	70.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	13	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	95.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	104	%	FLPRO	60-118	12/10	12/12	AW

Organochlorine Pesticides

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-3

Sample Description:

NAS Power House

Analytical Report: B-2,0'
Date Sampled: 12/05/2001
Time Sampled: 10:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	108	%	3550/8081	48-126	12/09	12/11	TB
DCB	88.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.08	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-3

Sample Description:

NAS Power House

Analytical Report: B-2, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/11/2001
Log #: L58510-4

Sample Description:

NAS Power House

Analytical Report: B-2715
Date Sampled: 12/05/2001
Time Sampled: 10:15
Date Received: 12/07/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Ext.	Date Det.	Anly.	Analyst
Percent Solids								
Percent Solid	93	%	SM2540B	0.10	12/10	12/07	EP	
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.065	12/10	12/10	BL	
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/10	12/10	BL	
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/10	12/10	BL	
Benzene	BDL	mg/kg (dw)	5035/8260	0.0026	12/10	12/10	BL	
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/10	12/10	BL	
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.065	12/10	12/10	BL	
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.065	12/10	12/10	BL	
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/10	12/10	BL	
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/10	12/10	BL	
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/10	12/10	BL	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-4

Sample Description:

NAS Power House

Analytical Report: B-2,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)										
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL			
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL			
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL			
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/10	BL			
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/10	BL			
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/10	BL			
MTBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/10	BL			
MTBE	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/10	BL			
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0052	12/07	12/10	BL			
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
Styrene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/10	BL			
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
Toluene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/10	BL			
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL			

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-4

Sample Description:

NAS Power House

Analytical Report: B-2, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/10	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/10	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0052	12/07	12/10	BL
Dilution Factor	1.2		5035/8260		12/07	12/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	104	%	5035/8260	52-155	12/07	12/10	BL
Toluene-D8	95.0	%	5035/8260	46-154	12/07	12/10	BL
4-Bromofluorobenzene	72.0	%	5035/8260	36-138	12/07	12/10	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-4

Sample Description:

NAS Power House

Analytical Report: B-2,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)										
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK		
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9		12/10	12/11	KK		
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.72		12/10	12/11	KK		
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK		
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK		

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/11/2001
Log #: L580-114

Sample Description:

NAS Power House

Analytical Report: B-2-A-S'
Date Sampled: 12/10/2001
Time Sampled: 10:15
Date Received: 12/11/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Test Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
		(continued)					
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10/01	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10/01	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10/01	12/11	KK
Dilution Factor	1.0		3550/8270		12/10/01	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	71.0	%	3550/8270	29-109	12/10/01	12/11	KK
Phenol-d5	75.0	%	3550/8270	30-109	12/10/01	12/11	KK
Nitrobenzene-d5	73.0	%	3550/8270	15-121	12/10/01	12/11	KK
2-Fluorobiphenyl	70.0	%	3550/8270	42-111	12/10/01	12/11	KK
2,4,6-Tribromophenol	79.0	%	3550/8270	47-124	12/10/01	12/11	KK
Terphenyl-d14	61.0	%	3550/8270	37-143	12/10/01	12/11	KK
Metals							
Arsenic	1.8	mg/kg (dw)	3050/6010	0.54	12/10/01	12/08	SB
Cadmium	46	mg/kg (dw)	3050/6010	1.1	12/10/01	12/08	SB
Chromium	49	mg/kg (dw)	3050/6010	1.1	12/10/01	12/08	SB
Lead	260	mg/kg (dw)	3050/6010	1.1	12/10/01	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/10/01	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/10/01	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/10/01	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/10/01	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/10/01	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/10/01	12/10	RR
PCB 1260	22	ug/kg (dw)	3550/8082	18	12/10/01	12/10	RR
Dilution Factor	1.0		3550/8082		12/10/01	12/10	RR
Surrogate Recoveries:							
TCMX	88.0	%	3550/8082	48-126	12/10/01	12/10	RR
Decachlorobiphenyl	64.0	%	3550/8082	47-159	12/10/01	12/10	RR
Florida Petroleum Range Organics							
TPH (C8-C40)	15	mg/kg (dw)	FLPRO	5.4	12/10/01	12/12	AW
Dilution Factor	1.0		FLPRO		12/10/01	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	94.0	%	FLPRO	62-109	12/10/01	12/12	AW
Tritriaccontane	92.0	%	FLPRO	60-118	12/10/01	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-4

Sample Description:

NAS Power House

Analytical Report: B-2,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	110	%	3550/8081	48-126	12/09	12/11	TB
DCB	80.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.00	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-4

Sample Description:

NAS Power House

Analytical Report: B-2,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fid. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: Lab 72-5

Sample Description:

NAS Power House

Analytical Report: B-200
Date Sampled: 12/05/2001
Time Sampled: 11:33
Date Received: 12/11/2001
Collected By: C. J.

Parameter	Results	Units	Method	Reportable Limit	Extr.	Anly.	Date	Analyst
Percent Solids								
Percent Solid	92	%	SM2540B	0.10	17	17	12/07	EP
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.060	17	17	12/10	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.030	17	17	12/10	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.030	17	17	12/10	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0024	17	17	12/10	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	17	17	12/10	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.060	17	17	12/10	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.060	17	17	12/10	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	17	17	12/10	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0024	17	17	12/10	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	17	17	12/10	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-5

Sample Description:

NAS Power House

Analytical Report: B-3, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:05
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)										
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/10	BL			
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/10	BL			
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/10	BL			
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.060	12/07	12/10	BL			
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.060	12/07	12/10	BL			
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.018	12/07	12/10	BL			
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.060	12/07	12/10	BL			
MTBE	BDL	mg/kg (dw)	5035/8260	0.060	12/07	12/10	BL			
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/10	BL			
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
Styrene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	12/07	12/10	BL			
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
Toluene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/10	BL			
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL			

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-5

Sample Description:

NAS Power House

Analytical Report: B-3, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:05
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	12/07	12/10	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	12/07	12/10	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/10	BL
Dilution Factor	1.1		5035/8260		12/07	12/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	106	%	5035/8260	52-155	12/07	12/10	BL
Toluene-D8	120	%	5035/8260	46-154	12/07	12/10	BL
4-Bromofluorobenzene	86.0	%	5035/8260	36-138	12/07	12/10	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	0.77	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1-Methylnaphthalene	0.23	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
 Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
 Date: 12/13/2001
 Log #: L58572-5

Sample Description:

NAS Power House

Analytical Report: B-3, O'
 Date Sampled: 12/05/2001
 Time Sampled: 11:05
 Date Received: 12/06/2001
 Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Date	Anly.	Date	Analyst
Semivolatile Organic Compounds (continued)									
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36		12/10	12/11	KK	
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36		12/10	12/11	KK	
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Acenaphthylene	0.23	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Acenaphthene	0.88	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36		12/10	12/11	KK	
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Fluorene	1.1	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Anthracene	2.0	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Phenanthrene	9.7	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Carbazole	2.0	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Fluoranthene	12	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9		12/10	12/11	KK	
Pyrene	9.2	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Benzo[a]anthracene	5.2	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK	
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.73		12/10	12/11	KK	
Chrysene	5.0	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.36		12/10	12/11	KK	
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Benzo[b]fluoranthene	3.3	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Benzo[k]fluoranthene	3.7	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	
Benzo[a]pyrene	3.8	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-5

Sample Description:

NAS Power House

Analytical Report: B-3,0'
Date Sampled: 12/05/2001
Time Sampled: 11:05
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	2.0	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	1.1	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzol[g,h,i]perylene	1.8	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	65.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	67.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	68.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	60.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	74.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	40.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	0.87	mg/kg (dw)	3050/6010	0.54	12/10	12/08	SB
Cadmium	34	mg/kg (dw)	3050/6010	1.1	12/10	12/08	SB
Chromium	11	mg/kg (dw)	3050/6010	1.1	12/10	12/08	SB
Lead	100	mg/kg (dw)	3050/6010	1.1	12/10	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	100	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	98.0	%	3550/8082	48-126	12/10	12/10	RR
Decachlorobiphenyl	60.0	%	3550/8082	47-159	12/10	12/10	RR
Florida Petroleum Range Organics							
TPH (C8-C40)	130	mg/kg (dw)	FLPRO	5.4	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	88.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	108	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-5

Sample Description:

NAS Power House

Analytical Report: B-3,0'
Date Sampled: 12/05/2001
Time Sampled: 11:05
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	36	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	94.0	%	3550/8081	48-126	12/09	12/11	TB
DCB	73.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.68	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-5

Sample Description:

NAS Power House

Analytical Report: B-3, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:05
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-6

Sample Description:

NAS Power House

Analytical Report: B-3,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	94	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/10	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.029	12/07	12/10	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.029	12/07	12/10	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/10	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/10	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-6

Sample Description:

NAS Power House

Analytical Report: B-3,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds	(continued)								
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL		
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL		
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL		
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/10	BL		
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/10	BL		
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.018	12/07	12/10	BL		
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/10	BL		
MTBE	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/10	BL		
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0047	12/07	12/10	BL		
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Styrene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	12/07	12/10	BL		
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Toluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/10	BL		
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-6

Sample Description:

NAS Power House

Analytical Report: B-3,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)									
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/10	BL		
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	12/07	12/10	BL		
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0047	12/07	12/10	BL		
Dilution Factor	1.1		5035/8260		12/07	12/10	BL		
Surrogate Recoveries:									
Dibromofluoromethane	106	%	5035/8260	52-155	12/07	12/10	BL		
Toluene-D8	100	%	5035/8260	46-154	12/07	12/10	BL		
4-Bromofluorobenzene	85.0	%	5035/8260	36-138	12/07	12/10	BL		
Semivolatile Organic Compounds									
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-6

Sample Description:

NAS Power House

Analytical Report: B-3,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	0.15	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	0.51	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	0.94	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	12/10	12/11	KK
Pyrene	0.46	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	0.47	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	0.45	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	0.32	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	0.32	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	0.38	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
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Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-6

Sample Description:

NAS Power House

Analytical Report: B-3,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Date	Anly.	Analyst
Semivolatile Organic Compounds								
Indeno[1,2,3-cd]pyrene	0.19	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Dibenzo[a,h]Anthracene	0.13	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Benzo[g,h,i]perylene	0.20	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Dilution Factor	1.0		3550/8270			12/10	12/11	KK
Surrogate Recoveries:								
2-Fluorophenol	59.0	%	3550/8270	29-109		12/10	12/11	KK
Phenol-d5	58.0	%	3550/8270	30-109		12/10	12/11	KK
Nitrobenzene-d5	52.0	%	3550/8270	15-121		12/10	12/11	KK
2-Fluorobiphenyl	67.0	%	3550/8270	42-111		12/10	12/11	KK
2,4,6-Tribromophenol	70.0	%	3550/8270	47-124		12/10	12/11	KK
Terphenyl-d14	52.0	%	3550/8270	37-143		12/10	12/11	KK
Metals								
Arsenic	BDL	mg/kg (dw)	3050/6010	0.53		12/07	12/08	SB
Cadmium	2.0	mg/kg (dw)	3050/6010	1.1		12/07	12/08	SB
Chromium	2.9	mg/kg (dw)	3050/6010	1.1		12/07	12/08	SB
Lead	31	mg/kg (dw)	3050/6010	1.1		12/07	12/08	SB
Polychlorinated Biphenyls								
PCB 1016	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
Dilution Factor	1.0		3550/8082			12/09	12/10	RR
Surrogate Recoveries:								
TCMX	99.0	%	3550/8082	48-126		12/09	12/10	RR
Decachlorobiphenyl	64.0	%	3550/8082	47-159		12/09	12/10	RR
Florida Petroleum Range Organics								
TPH(C8-C40)	16	mg/kg (dw)	FLPRO	5.3		12/10	12/12	AW
Dilution Factor	1.0		FLPRO			12/10	12/12	AW
Surrogate Recoveries:								
o-Terphenyl	95.0	%	FLPRO	62-109		12/10	12/12	AW
Tritriacontane	100	%	FLPRO	60-118		12/10	12/12	AW
Organochlorine Pesticides								

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-6

Sample Description:

NAS Power House

Analytical Report: B-3, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Limit	Date	Date	Anly.
Organochlorine Pesticides (continued)								
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5		12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5		12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5		12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5		12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35		12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5		12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5		12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180		12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5		12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110		12/09	12/11	TB
Dilution Factor	1.0		3550/8081			12/09	12/11	TB
Surrogate Recoveries:								
TCMX	98.0	%	3550/8081	48-126		12/09	12/11	TB
DCB	78.0	%	3550/8081	47-159		12/09	12/11	TB
General Chemistry								
pH	8.86	pH Units	9045	0.10		12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-6

Sample Description:

NAS Power House

Analytical Report: B-3, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/11/2001
Log #: L58911-7

Sample Description:

NAS Power House

Analytical Report: B-4
Date Sampled: 12/03/2001
Time Sampled: 11:00 AM
Date Received: 12/11/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr.	Analyst	Date	Analyst
Percent Solids								
Percent Solid	96	%	SM2540B	0.10	0.0000	0.0000	12/07	EP
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	0.0000	0.0000	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.031	0.0000	0.0000	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.031	0.0000	0.0000	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	0.0000	0.0000	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	0.0000	0.0000	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	0.0000	0.0000	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	0.0000	0.0000	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	0.0000	0.0000	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	0.0000	0.0000	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	0.0000	0.0000	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-7

Sample Description:

NAS Power House

Analytical Report: B-4, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0050	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-7

Sample Description:

NAS Power House

Analytical Report: B-4, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)										
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL			
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL			
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0050	12/07	12/11	BL			
Dilution Factor	1.2		5035/8260		12/07	12/11	BL			
Surrogate Recoveries:										
Dibromofluoromethane	108	%	5035/8260	52-155	12/07	12/11	BL			
Toluene-D8	98.0	%	5035/8260	46-154	12/07	12/11	BL			
4-Bromofluorobenzene	84.0	%	5035/8260	36-138	12/07	12/11	BL			
Semivolatile Organic Compounds										
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK			
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK			
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK			
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK			

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-7

Sample Description:

NAS Power House

Analytical Report: B-4, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds		(continued)						
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34		12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34		12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34		12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/11	KK
Anthracene	0.13	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Phenanthrene	0.47	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Fluoranthene	0.76	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8		12/10	12/11	KK
Pyrene	0.48	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Benzo[a]anthracene	0.40	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.70		12/10	12/11	KK
Chrysene	0.39	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.34		12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Benzo[b]fluoranthene	0.25	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Benzo[k]fluoranthene	0.28	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK
Benzo[a]pyrene	0.31	mg/kg (dw)	3550/8270	0.10		12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-7

Sample Description:

NAS Power House

Analytical Report: B-4, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)									
Indeno[1,2,3-cd]pyrene	0.15	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK		
Dibenzo[a,h]Anthracene	0.11	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK		
Benzo[g,h,i]perylene	0.16	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK		
Dilution Factor	1.0		3550/8270		12/10	12/11	KK		
Surrogate Recoveries:									
2-Fluorophenol	80.0	%	3550/8270	29-109	12/10	12/11	KK		
Phenol-d5	84.0	%	3550/8270	30-109	12/10	12/11	KK		
Nitrobenzene-d5	76.0	%	3550/8270	15-121	12/10	12/11	KK		
2-Fluorobiphenyl	75.0	%	3550/8270	42-111	12/10	12/11	KK		
2,4,6-Tribromophenol	83.0	%	3550/8270	47-124	12/10	12/11	KK		
Terphenyl-d14	67.0	%	3550/8270	37-143	12/10	12/11	KK		
Metals									
Arsenic	BDL	mg/kg (dw)	3050/6010	0.52	12/07	12/08	SB		
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB		
Chromium	2.1	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB		
Lead	32	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB		
Polychlorinated Biphenyls									
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1260	22	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
Dilution Factor	1.0		3550/8082		12/09	12/10	RR		
Surrogate Recoveries:									
TCMX	97.0	%	3550/8082	48-126	12/09	12/10	RR		
Decachlorobiphenyl	73.0	%	3550/8082	47-159	12/09	12/10	RR		
Florida Petroleum Range Organics									
TPH(C8-C40)	9.3	mg/kg (dw)	FLPRO	5.2	12/10	12/12	AW		
Dilution Factor	1.0		FLPRO		12/10	12/12	AW		
Surrogate Recoveries:									
<i>o</i> -Terphenyl	100	%	FLPRO	62-109	12/10	12/12	AW		
Tritriacontane	111	%	FLPRO	60-118	12/10	12/12	AW		
Organochlorine Pesticides									

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-7

Sample Description:

NAS Power House

Analytical Report: B-4,0'
Date Sampled: 12/05/2001
Time Sampled: 11:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly.	Date	Date	Analyst
Organochlorine Pesticides (continued)									
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4			12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8			12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4			12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4			12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4			12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	34			12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4			12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4			12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180			12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4			12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100			12/09	12/11	TB
Dilution Factor	1.0		3550/8081				12/09	12/11	TB
Surrogate Recoveries:									
TCMX	112	%	3550/8081	48-126			12/09	12/11	TB
DCB	114	%	3550/8081	47-159			12/09	12/11	TB
General Chemistry									
pH	8.46	pH Units	9045	0.10			12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-7

Sample Description:

NAS Power House

Analytical Report: B-4, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/01/001
Log #: L583113

Sample Description:

NAS Power House

Analytical Report: B-4, 12/01/001
Date Sampled: 12/01/001
Time Sampled: 11:00 AM
Date Received: 12/01/001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Entered Date	Analyst
Percent Solids						
Percent Solid	95	%	SM2540B	0.10	12/01/001	EP
Volatile Organic Compounds						
Acetone	BDL	mg/kg (dw)	5035/8260	0.058	12/01/001	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.029	12/01/001	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.029	12/01/001	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0023	12/01/001	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/01/001	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.058	12/01/001	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.058	12/01/001	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/01/001	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/01/001	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/01/001	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-8

Sample Description:

NAS Power House

Analytical Report: B-4, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Extr. Limit	Date	Anly. Date	Anly. Analyst
Volatile Organic Compounds (continued)								
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.017	12/07	12/11	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0046	12/07	12/11	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	12/07	12/11	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-8

Sample Description:

NAS Power House

Analytical Report: B-4, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0046	12/07	12/11	BL
Dilution Factor	1.1		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	104	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	98.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	78.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-8

Sample Description:

NAS Power House

Analytical Report: B-4,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)									
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK		
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK		
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK		
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK		
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-8

Sample Description:

NAS Power House

Analytical Report: B-4, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	79.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	78.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	78.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	75.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	84.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	65.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	1.9	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	31	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	94.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	66.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	95.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriacontane	111	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-8

Sample Description:

NAS Power House

Analytical Report: B-4,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	112	%	3550/8081	48-126	12/09	12/11	TB
DCB	93.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.92	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-8

Sample Description:

NAS Power House

Analytical Report: B-4, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/07/01
Log #: L631009

Sample Description:

NAS Power House

Analytical Report: B-1
Date Sampled: 12/07/01
Time Sampled: 10:00 AM
Date Received: 12/07/01
Collected By: C. Jernigan

Parameter	Results	Units	Method	Reportable Limit	Exceeded	Anly.	Date	Analyst
Percent Solids								
Percent Solid	92	%	SM2540B	0.10			12/07	EP
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.065			12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.033			12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.033			12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0026			12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0026			12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.065			12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.065			12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0026			12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0026			12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065			12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-9

Sample Description:

NAS Power House

Analytical Report: B-5,0'
Date Sampled: 12/05/2001
Time Sampled: 10:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Extr. Limit	Date	Anly. Date	Anly. Analyst
Volatile Organic Compounds (continued)								
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/11	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/11	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.020	12/07	12/11	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/11	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.065	12/07	12/11	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0052	12/07	12/11	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-9

Sample Description:

NAS Power House

Analytical Report: B-5, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0065	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0052	12/07	12/11	BL
Dilution Factor	1.2		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	104	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	90.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	75.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
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 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-9

Sample Description:

NAS Power House

Analytical Report: B-5, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	12/10	12/11	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.73	12/10	12/11	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.36	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-9

Sample Description:

NAS Power House

Analytical Report: B-5, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:45
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Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
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Semivolatile Organic Compounds

(continued)

Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK

Surrogate Recoveries:

2-Fluorophenol	88.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	89.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	89.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	77.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	101	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	63.0	%	3550/8270	37-143	12/10	12/11	KK

Metals

Arsenic	2.7	mg/kg (dw)	3050/6010	0.54	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	9.9	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	7.8	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB

Polychlorinated Biphenyls

PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	20	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR

Surrogate Recoveries:

TCMX	88.0	%	3550/B082	48-126	12/09	12/10	RR
Decachlorobiphenyl	56.0	%	3550/B082	47-159	12/09	12/10	RR

Florida Petroleum Range Organics

TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.4	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	93.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	106	%	FLPRO	60-118	12/10	12/12	AW

Organochlorine Pesticides

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-9

Sample Description:

NAS Power House

Analytical Report: B-5, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	36	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.6	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	108	%	3550/8081	48-126	12/09	12/11	TB
DCB	76.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.29	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
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Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-9

Sample Description:

NAS Power House

Analytical Report: B-5, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:45
Date Received: 12/06/2001
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Parameter	Results	Units	Method	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-10

Sample Description:

NAS Power House

Analytical Report: B-5,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	94	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-10

Sample Description:

NAS Power House

Analytical Report: B-5,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.064	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-10

Sample Description:

NAS Power House

Analytical Report: B-5, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
Dilution Factor	1.2		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	98.0	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	86.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	67.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-10

Sample Description:

NAS Power House

Analytical Report: B-5,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	12/10	12/11	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-10

Sample Description:

NAS Power House

Analytical Report: B-5, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
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Semivolatile Organic Compounds

(continued)

Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK

Surrogate Recoveries:

2-Fluorophenol	81.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	82.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	81.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	84.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	86.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	67.0	%	3550/8270	37-143	12/10	12/11	KK

Metals

Arsenic	1.5	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	5.5	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	21	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB

Polychlorinated Biphenyls

PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	66	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	76.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	60.0	%	3550/8082	47-159	12/09	12/10	RR

Florida Petroleum Range Organics

TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	89.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	89.0	%	FLPRO	60-118	12/10	12/12	AW

Organochlorine Pesticides

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-10

Sample Description:

NAS Power House

Analytical Report: B-5,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	88.0	%	3550/8081	48-126	12/09	12/11	TB
DCB	76.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.72	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-10

Sample Description:

NAS Power House

Analytical Report: B-5, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-11

Sample Description:

NAS Power House

Analytical Report: B-6, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-11

Sample Description:

NAS Power House

Analytical Report: B-6, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-11

Sample Description:

NAS Power House

Analytical Report: B-6,0'
Date Sampled: 12/05/2001
Time Sampled: 10:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
Dilution Factor	1.2		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	94.0	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	75.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	61.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-11

Sample Description:

NAS Power House

Analytical Report: B-6, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
		(continued)					
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-11

Sample Description:

NAS Power House

Analytical Report: B-6,0'
Date Sampled: 12/05/2001
Time Sampled: 10:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly.	Date	Analyst
Semivolatile Organic Compounds								
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Dilution Factor	1.0		3550/8270		12/10	12/11	KK	
Surrogate Recoveries:								
2-Fluorophenol	70.0	%	3550/8270	29-109	12/10	12/11	KK	
Phenol-d5	67.0	%	3550/8270	30-109	12/10	12/11	KK	
Nitrobenzene-d5	64.0	%	3550/8270	15-121	12/10	12/11	KK	
2-Fluorobiphenyl	63.0	%	3550/8270	42-111	12/10	12/11	KK	
2,4,6-Tribromophenol	65.0	%	3550/8270	47-124	12/10	12/11	KK	
Terphenyl-d14	54.0	%	3550/8270	37-143	12/10	12/11	KK	
Metals								
Arsenic	0.63	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB	
Cadmium	8.6	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB	
Chromium	3.2	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB	
Lead	180	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB	
Polychlorinated Biphenyls								
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR	
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR	
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR	
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR	
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR	
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR	
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR	
Dilution Factor	1.0		3550/8082		12/09	12/10	RR	
Surrogate Recoveries:								
TCMX	70.0	%	3550/8082	48-126	12/09	12/10	RR	
Decachlorobiphenyl	58.0	%	3550/8082	47-159	12/09	12/10	RR	
Florida Petroleum Range Organics								
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW	
Dilution Factor	1.0		FLPRO		12/10	12/12	AW	
Surrogate Recoveries:								
o-Terphenyl	97.0	%	FLPRO	62-109	12/10	12/12	AW	
Tritriaccontane	116	%	FLPRO	60-118	12/10	12/12	AW	
Organochlorine Pesticides								

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-11

Sample Description:

NAS Power House

Analytical Report: B-6,0'
Date Sampled: 12/05/2001
Time Sampled: 10:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.	Date	Analyst
Organochlorine Pesticides (continued)									
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB		
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB		
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB		
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB		
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB		
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB		
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB		
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB		
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB		
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB		
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB		
Dilution Factor	1.0		3550/8081		12/09	12/11	TB		
Surrogate Recoveries:									
TCMX	90.0	%	3550/8081	48-126	12/09	12/11	TB		
DCB	78.0	%	3550/8081	47-159	12/09	12/11	TB		
General Chemistry									
pH	8.84	pH Units	9045	0.10	12/10	12/10	MA		

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-11

Sample Description:

NAS Power House

Analytical Report: B-6, 0'
Date Sampled: 12/05/2001
Time Sampled: 10:25
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

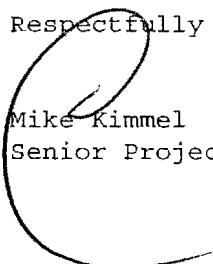
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	94	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.085	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.043	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.043	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.085	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.085	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.085	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.085	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.026	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.085	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.085	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0068	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0017	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0034	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0085	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)								
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0085		12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.017		12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0068		12/07	12/11	BL
Dilution Factor	1.6		5035/8260			12/07	12/11	BL
Surrogate Recoveries:								
Dibromofluoromethane	70.0	%	5035/8260	52-155		12/07	12/11	BL
Toluene-D8	50.0	%	5035/8260	46-154		12/07	12/11	BL
4-Bromofluorobenzene	37.0	%	5035/8260	36-138		12/07	12/11	BL
Semivolatile Organic Compounds								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst	
Semivolatile Organic Compounds		(continued)						
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK	
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK	
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK	
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK	
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK	
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK	
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK	
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK	
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK	
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK	
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	12/10	12/11	KK	
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK	
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK	
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
			(continued)				
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	12/10	12/11	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)									
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK		
Dilution Factor	1.0		3550/8270		12/10	12/11	KK		
Surrogate Recoveries:									
2-Fluorophenol	73.0	%	3550/8270	29-109	12/10	12/11	KK		
Phenol-d5	73.0	%	3550/8270	30-109	12/10	12/11	KK		
Nitrobenzene-d5	69.0	%	3550/8270	15-121	12/10	12/11	KK		
2-Fluorobiphenyl	75.0	%	3550/8270	42-111	12/10	12/11	KK		
2,4,6-Tribromophenol	80.0	%	3550/8270	47-124	12/10	12/11	KK		
Terphenyl-d14	64.0	%	3550/8270	37-143	12/10	12/11	KK		
Metals									
Arsenic	BDL	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB		
Cadmium	14	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB		
Chromium	2.9	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB		
Lead	38	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB		
Polychlorinated Biphenyls									
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR		
Dilution Factor	1.0		3550/8082		12/09	12/10	RR		
Surrogate Recoveries:									
TCMX	68.0	%	3550/8082	48-126	12/09	12/10	RR		
Decachlorobiphenyl	52.0	%	3550/8082	47-159	12/09	12/10	RR		
Florida Petroleum Range Organics									
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW		
Dilution Factor	1.0		FLPRO		12/10	12/12	AW		
Surrogate Recoveries:									
o-Terphenyl	83.0	%	FLPRO	62-109	12/10	12/12	AW		
Tritriacontane	88.0	%	FLPRO	60-118	12/10	12/12	AW		
Organochlorine Pesticides									

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Date	Analy.
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	80.0	%	3550/8081	48-126	12/09	12/11	TB
DCB	71.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.79	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-12

Sample Description:

NAS Power House

Analytical Report: B-6,1.5'
Date Sampled: 12/05/2001
Time Sampled: 10:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-13

Sample Description:

NAS Power House

Analytical Report: B-7, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-13

Sample Description:

NAS Power House

Analytical Report: B-7,0'
Date Sampled: 12/05/2001
Time Sampled: 13:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-13

Sample Description:

NAS Power House

Analytical Report: B-7, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)								
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063		12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013		12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051		12/07	12/11	BL
Dilution Factor	1.2		5035/8260			12/07	12/11	BL
Surrogate Recoveries:								
Dibromofluoromethane	113	%	5035/8260	52-155		12/07	12/11	BL
Toluene-D8	94.0	%	5035/8260	46-154		12/07	12/11	BL
4-Bromofluorobenzene	75.0	%	5035/8260	36-138		12/07	12/11	BL
Semivolatile Organic Compounds								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1		12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35		12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-13

Sample Description:

NAS Power House

Analytical Report: B-7, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	0.31	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	0.51	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK
Pyrene	0.23	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	0.18	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	0.19	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	0.16	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	0.13	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-13

Sample Description:

NAS Power House

Analytical Report: B-7,0'
Date Sampled: 12/05/2001
Time Sampled: 13:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	56.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	56.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	64.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	67.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	70.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	53.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	1.2	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	28	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	32	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	160	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	250	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	87.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	71.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	27	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	89.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	77.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-13

Sample Description:

NAS Power House

Analytical Report: B-7, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	18	12/09	12/12	TB
Dieldrin	200	ug/kg (dw)	3550/8081	8.9	12/09	12/12	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	18	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	87	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	100	%	3550/8081	48-126	12/09	12/11	TB
DCB	58.0	%	3550/8081	47-159	12/09	12/11	TB
General Chemistry							
pH	8.66	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-13

Sample Description:

NAS Power House

Analytical Report: B-7, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.
				Limit	Date

General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQI

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-14

Sample Description:

NAS Power House

Analytical Report: B-7,1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Percent Solids								
Percent Solid	98	%	SM2540B	0.10		12/07	12/07	EP
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.056		12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.028		12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.028		12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0022		12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0022		12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.056		12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.056		12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0022		12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0022		12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056		12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-14

Sample Description:

NAS Power House

Analytical Report: B-7, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)								
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	12/07	12/11	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	12/07	12/11	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	12/07	12/11	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.056	12/07	12/11	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.056	12/07	12/11	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.017	12/07	12/11	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.056	12/07	12/11	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.056	12/07	12/11	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0045	12/07	12/11	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	12/07	12/11	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	12/07	12/11	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-14

Sample Description:

NAS Power House

Analytical Report: B-7,1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0045	12/07	12/11	BL
Dilution Factor	1.1		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	99.0	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	78.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	54.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Naphthalene	0.18	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-14

Sample Description:

NAS Power House

Analytical Report: B-7,1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Acenaphthylene	0.12	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Acenaphthene	0.48	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Dibenzofuran	0.24	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Fluorene	0.47	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Anthracene	0.95	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Phenanthrene	5.9	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Carbazole	0.88	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Fluoranthene	8.8	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK
Pyrene	4.6	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[a]anthracene	3.3	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.68	12/10	12/11	KK
Chrysene	3.4	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[b]fluoranthene	2.7	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[k]fluoranthene	2.1	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[a]pyrene	2.6	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-14

Sample Description:

NAS Power House

Analytical Report: B-7, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
Indeno[1,2,3-cd]pyrene	1.5	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Dibenzo[a,h]Anthracene	0.77	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[g,h,i]perylene	1.5	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	58.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	54.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	58.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	61.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	63.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	45.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	0.92	mg/kg (dw)	3050/6010	0.51	12/07	12/08	SB
Cadmium	24	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Chromium	32	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Lead	170	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	17	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	17	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	17	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	17	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	17	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	17	12/09	12/10	RR
PCB 1260	240	ug/kg (dw)	3550/8082	17	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	106	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	74.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	30	mg/kg (dw)	FLPRO	5.1	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	89.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriacontane	80.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-14

Sample Description:

NAS Power House

Analytical Report: B-7, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Dieldrin	49	ug/kg (dw)	3550/8081	1.7	12/09	12/12	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	34	12/09	12/13	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	170	12/09	12/13	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	12/09	12/12	TB
Dilution Factor	1.0		3550/8081		12/09	12/12	TB
Surrogate Recoveries:							
TCMX	102	%	3550/8081	48-126	12/09	12/12	TB
DCB	66.0	%	3550/8081	47-159	12/09	12/12	TB
General Chemistry							
pH	8.67	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-14

Sample Description:

NAS Power House

Analytical Report: B-7, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:15
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-15

Sample Description:

NAS Power House

Analytical Report: B-8, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-15

Sample Description:

NAS Power House

Analytical Report: B-8, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	0.0099	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-15

Sample Description:

NAS Power House

Analytical Report: B-8, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
Dilution Factor	1.2		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	103	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	79.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	67.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-15

Sample Description:

NAS Power House

Analytical Report: B-8,0'
Date Sampled: 12/05/2001
Time Sampled: 11:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	0.23	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK
Pyrene	0.15	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	0.12	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	0.12	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-15

Sample Description:

NAS Power House

Analytical Report: B-8, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	71.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	69.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	66.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	59.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	72.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	52.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	0.57	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	4.0	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	64	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	40	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	89.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	75.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	21	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	97.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	87.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-15

Sample Description:

NAS Power House

Analytical Report: B-8, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	35	12/09	12/13	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	180	12/09	12/13	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/12	TB
Dilution Factor	1.0		3550/8081		12/09	12/12	TB
Surrogate Recoveries:							
TCMX	96.0	%	3550/8081	48-126	12/09	12/12	TB
DCB	106	%	3550/8081	47-159	12/09	12/12	TB
General Chemistry							
pH	8.52	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-15

Sample Description:

NAS Power House

Analytical Report: B-8, 0'
Date Sampled: 12/05/2001
Time Sampled: 11:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-16

Sample Description:

NAS Power House

Analytical Report: B-8, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-16

Sample Description:

NAS Power House

Analytical Report: B-8, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.			
				Limit	Date	Anly.	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-16

Sample Description:

NAS Power House

Analytical Report: B-8,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
Dilution Factor	1.2		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	104	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	89.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	64.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-16

Sample Description:

NAS Power House

Analytical Report: B-8,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/11	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/11	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-16

Sample Description:

NAS Power House

Analytical Report: B-8, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	45.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	40.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	41.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	45.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	47.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	54.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	0.87	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	4.1	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	32	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	106	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	88.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	21	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	94.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	72.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-16

Sample Description:

NAS Power House

Analytical Report: B-8,1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/12	TB
Dilution Factor	1.0		3550/8081		12/09	12/12	TB
Surrogate Recoveries:							
TCMX	113	%	3550/8081	48-126	12/09	12/12	TB
DCB	114	%	3550/8081	47-159	12/09	12/12	TB
General Chemistry							
pH	8.45	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-16

Sample Description:

NAS Power House

Analytical Report: B-8, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 11:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-17

Sample Description:

NAS Power House

Analytical Report: B-9, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Percent Solids							
Percent Solid	96	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.031	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.031	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-17

Sample Description:

NAS Power House

Analytical Report: B-9, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0050	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-17

Sample Description:

NAS Power House

Analytical Report: B-9, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0050	12/07	12/11	BL
Dilution Factor	1.2		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	133	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	116	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	99.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-17

Sample Description:

NAS Power House

Analytical Report: B-9, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/11	KK
Anthracene	0.14	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Phenanthrene	0.43	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Fluoranthene	0.68	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/11	KK
Pyrene	0.53	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[a]anthracene	0.26	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.70	12/10	12/11	KK
Chrysene	0.28	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/11	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[b]fluoranthene	0.25	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[k]fluoranthene	0.22	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[a]pyrene	0.25	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-17

Sample Description:

NAS Power House

Analytical Report: B-9, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
Indeno[1,2,3-cd]pyrene	0.18	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Benzo[g,h,i]perylene	0.25	mg/kg (dw)	3550/8270	0.10	12/10	12/11	KK
Dilution Factor	1.0		3550/8270		12/10	12/11	KK
Surrogate Recoveries:							
2-Fluorophenol	75.0	%	3550/8270	29-109	12/10	12/11	KK
Phenol-d5	70.0	%	3550/8270	30-109	12/10	12/11	KK
Nitrobenzene-d5	70.0	%	3550/8270	15-121	12/10	12/11	KK
2-Fluorobiphenyl	73.0	%	3550/8270	42-111	12/10	12/11	KK
2,4,6-Tribromophenol	67.0	%	3550/8270	47-124	12/10	12/11	KK
Terphenyl-d14	78.0	%	3550/8270	37-143	12/10	12/11	KK
Metals							
Arsenic	0.84	mg/kg (dw)	3050/6010	0.52	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Chromium	6.4	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Lead	85	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	42	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	106	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	78.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	34	mg/kg (dw)	FLPRO	5.2	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	88.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	82.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-17

Sample Description:

NAS Power House

Analytical Report: B-9, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
Organochlorine Pesticides (continued)									
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8		12/09	12/12	TB	
Endrin	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18		12/09	12/12	TB	
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4		12/09	12/12	TB	
Toxaphene	BDL	ug/kg (dw)	3550/8081	100		12/09	12/12	TB	
Dilution Factor	1.0		3550/8081			12/09	12/12	TB	
Surrogate Recoveries:									
TCMX	112	%	3550/8081	48-126		12/09	12/12	TB	
DCB	108	%	3550/8081	47-159		12/09	12/12	TB	
General Chemistry									
pH	8.63	pH Units	9045	0.10		12/10	12/10	MA	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-17

Sample Description:

NAS Power House

Analytical Report: B-9, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted, Mike Kimmel Senior Project Manager
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-18

Sample Description:

NAS Power House

Analytical Report: B-9,1.5'
Date Sampled: 12/05/2001
Time Sampled: 14:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.029	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.029	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-18

Sample Description:

NAS Power House

Analytical Report: B-9,1.5'
Date Sampled: 12/05/2001
Time Sampled: 14:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.
				Limit	Date	
Volatile Organic Compounds	(continued)					
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11 BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11 BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11 BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11 BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11 BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.017	12/07	12/11 BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11 BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.058	12/07	12/11 BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0046	12/07	12/11 BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	12/07	12/11 BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11 BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11 BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-18

Sample Description:

NAS Power House

Analytical Report: B-9,1.5'
Date Sampled: 12/05/2001
Time Sampled: 14:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0046	12/07	12/11	BL
Dilution Factor	1.1		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	109	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	80.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	62.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-18

Sample Description:

NAS Power House

Analytical Report: B-9,1.5'
Date Sampled: 12/05/2001
Time Sampled: 14:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Phenanthrene	0.11	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Fluoranthene	0.16	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/12	KK
Pyrene	0.16	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/12	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-18

Sample Description:

NAS Power House

Analytical Report: B-9,1.5'
Date Sampled: 12/05/2001
Time Sampled: 14:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
				Limit				
Semivolatile Organic Compounds								
				(continued)				
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/12	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/12	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11		12/10	12/12	KK
Dilution Factor	1.0		3550/8270			12/10	12/12	KK
Surrogate Recoveries:								
2-Fluorophenol	62.0	%	3550/8270	29-109		12/10	12/12	KK
Phenol-d5	58.0	%	3550/8270	30-109		12/10	12/12	KK
Nitrobenzene-d5	55.0	%	3550/8270	15-121		12/10	12/12	KK
2-Fluorobiphenyl	68.0	%	3550/8270	42-111		12/10	12/12	KK
2,4,6-Tribromophenol	71.0	%	3550/8270	47-124		12/10	12/12	KK
Terphenyl-d14	80.0	%	3550/8270	37-143		12/10	12/12	KK
Metals								
Arsenic	0.63	mg/kg (dw)	3050/6010	0.53		12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1		12/07	12/08	SB
Chromium	3.4	mg/kg (dw)	3050/6010	1.1		12/07	12/08	SB
Lead	87	mg/kg (dw)	3050/6010	1.1		12/07	12/08	SB
Polychlorinated Biphenyls								
PCB 1016	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
PCB 1260	42	ug/kg (dw)	3550/8082	18		12/09	12/10	RR
Dilution Factor	1.0		3550/8082			12/09	12/10	RR
Surrogate Recoveries:								
TCMX	90.0	%	3550/8082	48-126		12/09	12/10	RR
Decachlorobiphenyl	75.0	%	3550/8082	47-159		12/09	12/10	RR
Florida Petroleum Range Organics								
TPH(C8-C40)	25	mg/kg (dw)	FLPRO	5.3		12/10	12/12	AW
Dilution Factor	1.0		FLPRO			12/10	12/12	AW
Surrogate Recoveries:								
o-Terphenyl	81.0	%	FLPRO	62-109		12/10	12/12	AW
Tritriacontane	88.0	%	FLPRO	60-118		12/10	12/12	AW
Organochlorine Pesticides								

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-18

Sample Description:

NAS Power House

Analytical Report: B-9,1.5'
Date Sampled: 12/05/2001
Time Sampled: 14:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Extr. Limit	Date	Date	Anly. Analyst
Organochlorine Pesticides (continued)								
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB	
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	12/09	12/12	TB	
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB	
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/12	TB	
Dilution Factor	1.0		3550/8081		12/09	12/12	TB	
Surrogate Recoveries:								
TCMX	100	%	3550/8081	48-126	12/09	12/12	TB	
DCB	110	%	3550/8081	47-159	12/09	12/12	TB	
General Chemistry								
pH	8.67	pH Units	9045	0.10	12/10	12/10	MA	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-18

Sample Description:

NAS Power House

Analytical Report: B-9, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 14:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-19

Sample Description:

NAS Power House

Analytical Report: B-10,0'
Date Sampled: 12/05/2001
Time Sampled: 13:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-19

Sample Description:

NAS Power House

Analytical Report: B-10,0'
Date Sampled: 12/05/2001
Time Sampled: 13:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-19

Sample Description:

NAS Power House

Analytical Report: B-10,0'
Date Sampled: 12/05/2001
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Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)								
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL	
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	12/07	12/11	BL	
Dilution Factor	1.2		5035/8260		12/07	12/11	BL	
Surrogate Recoveries:								
Dibromofluoromethane	102	%	5035/8260	52-155	12/07	12/11	BL	
Toluene-D8	79.0	%	5035/8260	46-154	12/07	12/11	BL	
4-Bromofluorobenzene	65.0	%	5035/8260	36-138	12/07	12/11	BL	
Semivolatile Organic Compounds								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK	
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK	
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK	
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-19

Sample Description:

NAS Power House

Analytical Report: B-10,0'
Date Sampled: 12/05/2001
Time Sampled: 13:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/10	12/12	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/12	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/10	12/12	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/10	12/12	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-19

Sample Description:

NAS Power House

Analytical Report: B-10,0'
Date Sampled: 12/05/2001
Time Sampled: 13:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/10	12/12	KK
Dilution Factor	1.0		3550/8270		12/10	12/12	KK
Surrogate Recoveries:							
2-Fluorophenol	51.0	%	3550/8270	29-109	12/10	12/12	KK
Phenol-d5	51.0	%	3550/8270	30-109	12/10	12/12	KK
Nitrobenzene-d5	50.0	%	3550/8270	15-121	12/10	12/12	KK
2-Fluorobiphenyl	54.0	%	3550/8270	42-111	12/10	12/12	KK
2,4,6-Tribromophenol	47.0	%	3550/8270	47-124	12/10	12/12	KK
Terphenyl-d14	67.0	%	3550/8270	37-143	12/10	12/12	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	2.9	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Lead	11	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	86.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	78.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.3	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	78.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	74.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-19

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NAS Power House

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Date Sampled: 12/05/2001
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Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/09	12/12	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/09	12/12	TB
Dilution Factor	1.0		3550/8081		12/09	12/12	TB
Surrogate Recoveries:							
TCMX	98.0	%	3550/8081	48-126	12/09	12/12	TB
DCB	100	%	3550/8081	47-159	12/09	12/12	TB
General Chemistry							
pH	8.84	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
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Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-19

Sample Description:

NAS Power House

Analytical Report: B-10, 0'
Date Sampled: 12/05/2001
Time Sampled: 13:30
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/05/2001
Log #: L50310-20

Sample Description:

NAS Power House

Analytical Report: B-10.1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:45
Date Received: 12/05/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr.	Anly.	Date	Analyst
Percent Solids								
Percent Solid	96	%	SM2540B	0.10	12/07	12/07	EP	
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL	
Acrolein	BDL	mg/kg (dw)	5035/8260	0.031	12/07	12/11	BL	
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.031	12/07	12/11	BL	
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL	
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL	
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL	
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL	
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL	
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL	
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-20

Sample Description:

NAS Power House

Analytical Report: B-10, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.019	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0050	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-20

Sample Description:

NAS Power House

Analytical Report: B-10,1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0050	12/07	12/11	BL
Dilution Factor	1.2		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	108	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	99.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	90.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-20

Sample Description:

NAS Power House

Analytical Report: B-10,1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/12	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	12/10	12/12	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.70	12/10	12/12	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	12/10	12/12	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-20

Sample Description:

NAS Power House

Analytical Report: B-10, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:40
Date Received: 12/06/2001
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Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/12	KK
Dilution Factor	1.0		3550/8270		12/10	12/12	KK
Surrogate Recoveries:							
2-Fluorophenol	62.0	%	3550/8270	29-109	12/10	12/12	KK
Phenol-d5	58.0	%	3550/8270	30-109	12/10	12/12	KK
Nitrobenzene-d5	57.0	%	3550/8270	15-121	12/10	12/12	KK
2-Fluorobiphenyl	65.0	%	3550/8270	42-111	12/10	12/12	KK
2,4,6-Tribromophenol	50.0	%	3550/8270	47-124	12/10	12/12	KK
Terphenyl-d14	68.0	%	3550/8270	37-143	12/10	12/12	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.52	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Chromium	14	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Lead	8.4	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/09	12/10	RR
Dilution Factor	1.0		3550/8082		12/09	12/10	RR
Surrogate Recoveries:							
TCMX	83.0	%	3550/8082	48-126	12/09	12/10	RR
Decachlorobiphenyl	70.0	%	3550/8082	47-159	12/09	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.2	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	81.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	71.0	%	FLPRO	60-118	12/10	12/12	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-20

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NAS Power House

Analytical Report: B-10,1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:40
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Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/09	12/12	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	12/09	12/12	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	12/09	12/12	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	12/09	12/12	TB
Dilution Factor	1.0		3550/8081		12/09	12/12	TB
Surrogate Recoveries:							
TCMX	96.0	%	3550/8081	48-126	12/09	12/12	TB
DCB	92.0	%	3550/8081	47-159	12/09	12/12	TB
General Chemistry							
pH	8.86	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-20

Sample Description:

NAS Power House

Analytical Report: B-10, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 13:40
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-21

Sample Description:

NAS Power House

Analytical Report: B-11,0'
Date Sampled: 12/05/2001
Time Sampled: 12:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	93	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.030	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.030	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-21

Sample Description:

NAS Power House

Analytical Report: B-11,0'
Date Sampled: 12/05/2001
Time Sampled: 12:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.018	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0047	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-21

Sample Description:

NAS Power House

Analytical Report: B-11,0'
Date Sampled: 12/05/2001
Time Sampled: 12:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0047	12/07	12/11	BL
Dilution Factor	1.1		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	102	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	79.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	56.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-21

Sample Description:

NAS Power House

Analytical Report: B-11, 0'
Date Sampled: 12/05/2001
Time Sampled: 12:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Phenanthrene	0.12	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Fluoranthene	0.25	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	12/08	12/12	KK
Pyrene	0.23	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.72	12/08	12/12	KK
Chrysene	0.13	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-21

Sample Description:

NAS Power House

Analytical Report: B-11, 0'
Date Sampled: 12/05/2001
Time Sampled: 12:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
		(continued)					
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Dilution Factor	1.0		3550/8270		12/08	12/12	KK
Surrogate Recoveries:							
2-Fluorophenol	32.0	%	3550/8270	29-109	12/08	12/12	KK
Phenol-d5	37.0	%	3550/8270	30-109	12/08	12/12	KK
Nitrobenzene-d5	24.0	%	3550/8270	15-121	12/08	12/12	KK
2-Fluorobiphenyl	40.0	%	3550/8270	42-111	12/08	12/12	KK
2,4,6-Tribromophenol	26.0	%	3550/8270	47-124	12/08	12/12	KK
Terphenyl-d14	40.0	%	3550/8270	37-143	12/08	12/12	KK
Metals							
Arsenic	1.6	mg/kg (dw)	3050/6010	0.54	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	6.0	mg/kg (dw)	3050/6010	1.1	12/07	12/10	SB
Lead	9.4	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
Dilution Factor	1.0		3550/8082		12/08	12/11	RR
Surrogate Recoveries:							
TCMX	75.0	%	3550/8082	48-126	12/08	12/11	RR
Decachlorobiphenyl	37.0	%	3550/8082	47-159	12/08	12/11	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.4	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW
Surrogate Recoveries:							
o-Terphenyl	84.0	%	FLPRO	62-109	12/11	12/11	AW
Tritriacontane	78.0	%	FLPRO	60-118	12/11	12/11	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-21

Sample Description:

NAS Power House

Analytical Report: B-11, 0'
Date Sampled: 12/05/2001
Time Sampled: 12:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
Dieldrin	4.0	ug/kg (dw)	3550/8081	1.8	12/06	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	12/06	12/11	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	12/06	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/06	12/11	TB
Dilution Factor	1.0		3550/8081		12/06	12/11	TB
Surrogate Recoveries:							
TCMX	74.0	%	3550/8081	48-126	12/06	12/11	TB
DCB	52.0	%	3550/8081	47-159	12/06	12/11	TB
General Chemistry							
pH	8.64	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-21

Sample Description:

NAS Power House

Analytical Report: B-11, 0'
Date Sampled: 12/05/2001
Time Sampled: 12:45
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted, Mike Kimmel Senior Project Manager
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-22

Sample Description:

NAS Power House

Analytical Report: B-11, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 12:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Percent Solids							
Percent Solid	94	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.029	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.029	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-22

Sample Description:

NAS Power House

Analytical Report: B-11, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 12:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.018	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.059	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0047	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Trichlorofluoromethane	0.0061	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-22

Sample Description:

NAS Power House

Analytical Report: B-11, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 12:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0059	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0047	12/07	12/11	BL
Dilution Factor	1.1		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	89.0	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	53.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	38.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-22

Sample Description:

NAS Power House

Analytical Report: B-11, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 12:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
			(continued)				
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	12/08	12/12	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	12/08	12/12	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	12/08	12/12	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-22

Sample Description:

NAS Power House

Analytical Report: B-11,1.5'
Date Sampled: 12/05/2001
Time Sampled: 12:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Semivolatile Organic Compounds (continued)							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Dilution Factor	1.0		3550/8270		12/08	12/12	KK
Surrogate Recoveries:							
2-Fluorophenol	32.0	%	3550/8270	29-109	12/08	12/12	KK
Phenol-d5	30.0	%	3550/8270	30-109	12/08	12/12	KK
Nitrobenzene-d5	31.0	%	3550/8270	15-121	12/08	12/12	KK
2-Fluorobiphenyl	50.0	%	3550/8270	42-111	12/08	12/12	KK
2,4,6-Tribromophenol	24.0	%	3550/8270	47-124	12/08	12/12	KK
Terphenyl-d14	38.0	%	3550/8270	37-143	12/08	12/12	KK
Metals							
Arsenic	1.6	mg/kg (dw)	3050/6010	0.53	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	8.7	mg/kg (dw)	3050/6010	1.1	12/07	12/10	SB
Lead	26	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	12/08	12/11	RR
Dilution Factor	1.0		3550/8082		12/08	12/11	RR
Surrogate Recoveries:							
TCMX	95.0	%	3550/8082	48-126	12/08	12/11	RR
Decachlorobiphenyl	53.0	%	3550/8082	47-159	12/08	12/11	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.3	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW
Surrogate Recoveries:							
o-Terphenyl	78.0	%	FLPRO	62-109	12/11	12/11	AW
Tritriaccontane	94.0	%	FLPRO	60-118	12/11	12/11	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-22

Sample Description:

NAS Power House

Analytical Report: B-11,1.5'
Date Sampled: 12/05/2001
Time Sampled: 12:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Organochlorine Pesticides (continued)										
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
Dieldrin	15	ug/kg (dw)	3550/8081	1.8		12/06	12/11	TB		
Endrin	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18		12/06	12/11	TB		
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5		12/06	12/11	TB		
Toxaphene	BDL	ug/kg (dw)	3550/8081	110		12/06	12/11	TB		
Dilution Factor	1.0		3550/8081			12/06	12/11	TB		
Surrogate Recoveries:										
TCMX	93.0	%	3550/8081	48-126		12/06	12/11	TB		
DCB	78.0	%	3550/8081	47-159		12/06	12/11	TB		
General Chemistry										
pH	6.84	pH Units	9045	0.10		12/10	12/10	MA		

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-22

Sample Description:

NAS Power House

Analytical Report: B-11, 1.5'
Date Sampled: 12/05/2001
Time Sampled: 12:50
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 12/13/2001
Log #: L58572-23

Sample Description:

NAS Power House

Analytical Report: B-12, 0'
Date Sampled: 12/05/2001
Time Sampled: 12:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	91	%	SM2540B	0.10	12/07	12/07	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.048	12/07	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.024	12/07	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.024	12/07	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.048	12/07	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.048	12/07	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 12/13/2001
Log #: L58572-23

Sample Description:

NAS Power House

Analytical Report: B-12,0'
Date Sampled: 12/05/2001
Time Sampled: 12:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.048	12/07	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.048	12/07	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.015	12/07	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.048	12/07	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.048	12/07	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0039	12/07	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.00097	12/07	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
1,2,3-Trichloroproppane	BDL	mg/kg (dw)	5035/8260	0.0019	12/07	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 12/13/2001
Log #: L58572-23

Sample Description:

NAS Power House

Analytical Report: B-12,0'
Date Sampled: 12/05/2001
Time Sampled: 12:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0048	12/07	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.0097	12/07	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0039	12/07	12/11	BL
Dilution Factor	0.88		5035/8260		12/07	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	102	%	5035/8260	52-155	12/07	12/11	BL
Toluene-D8	63.0	%	5035/8260	46-154	12/07	12/11	BL
4-Bromofluorobenzene	45.0	%	5035/8260	36-138	12/07	12/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	12/08	12/12	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36	12/08	12/12	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 12/13/2001
Log #: L58572-23

Sample Description:

NAS Power House

Analytical Report: B-12,0'
Date Sampled: 12/05/2001
Time Sampled: 12:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)										
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36		12/08		12/12		KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36		12/08		12/12		KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/08		12/12		KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/08		12/12		KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/08		12/12		KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36		12/08		12/12		KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/08		12/12		KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		12/08		12/12		KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1		12/08		12/12		KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1		12/08		12/12		KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0		12/08		12/12		KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74		12/08		12/12		KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.36		12/08		12/12		KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11		12/08		12/12		KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 12/13/2001
Log #: L58572-23

Sample Description:

NAS Power House

Analytical Report: B-12,0'
Date Sampled: 12/05/2001
Time Sampled: 12:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	12/08	12/12	KK
Dilution Factor	1.0		3550/8270		12/08	12/12	KK
Surrogate Recoveries:							
2-Fluorophenol	35.0	%	3550/8270	29-109	12/08	12/12	KK
Phenol-d5	35.0	%	3550/8270	30-109	12/08	12/12	KK
Nitrobenzene-d5	28.0	%	3550/8270	15-121	12/08	12/12	KK
2-Fluorobiphenyl	43.0	%	3550/8270	42-111	12/08	12/12	KK
2,4,6-Tribromophenol	34.0	%	3550/8270	47-124	12/08	12/12	KK
Terphenyl-d14	49.0	%	3550/8270	37-143	12/08	12/12	KK
Metals							
Arsenic	5.8	mg/kg (dw)	3050/6010	0.55	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Chromium	32	mg/kg (dw)	3050/6010	1.1	12/07	12/10	SB
Lead	4.0	mg/kg (dw)	3050/6010	1.1	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	19	12/08	12/11	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	19	12/08	12/11	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	19	12/08	12/11	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	19	12/08	12/11	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	19	12/08	12/11	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	19	12/08	12/11	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	19	12/08	12/11	RR
Dilution Factor	1.0		3550/8082		12/08	12/11	RR
Surrogate Recoveries:							
TCMX	85.0	%	3550/8082	48-126	12/08	12/11	RR
Decachlorobiphenyl	41.0	%	3550/8082	47-159	12/08	12/11	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.5	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW
Surrogate Recoveries:							
o-Terphenyl	78.0	%	FLPRO	62-109	12/11	12/11	AW
Tritriaccontane	69.0	%	FLPRO	60-118	12/11	12/11	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 12/13/2001
Log #: L58572-23

Sample Description:

NAS Power House

Analytical Report: B-12, 0'
Date Sampled: 12/05/2001
Time Sampled: 12:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides (continued)							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.9	12/06	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	19	12/06	12/11	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.6	12/06	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	12/06	12/11	TB
Dilution Factor	1.0		3550/8081		12/06	12/11	TB
Surrogate Recoveries:							
TCMX	89.0	%	3550/8081	48-126	12/06	12/11	TB
DCB	62.0	%	3550/8081	47-159	12/06	12/11	TB
General Chemistry							
pH	8.73	pH Units	9045	0.10	12/10	12/10	MA

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 12/13/2001
Log #: L58572-23

Sample Description:

NAS Power House

Analytical Report: B-12,0'
Date Sampled: 12/05/2001
Time Sampled: 12:10
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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General Chemistry (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Orders: 58572

SHURF-HULD
Chain of Custody Record

Entered to lims: _____

Page 1 Of 1
Sampling CompQAP No. 880374
Approval Date 9-2000

Company Name P.S.I.
Address 1985 COPE LANE
PENSACOLA, FL 32526

Attn: JEREMY JERNIGAN Phone# _____
Project Name / Location NAS Power House

Project Number _____

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code	# of Cont	Pres. Codes	LAB ANALYSIS							Matrix Codes
							H	H	H	H	H	H	H	
1	B-1, 0'	12/5	0900	S0	5		X	X	X	X	X	X		
2	B-1, 1.5'	"	0930	"	5		X	X	X	X	X	X		
3	B-2, 0'	12/5	1000	"	5		X	X	X	X	X	X		
4	B-2, 1.5'	12/5	1010	"	5		X	X	X	X	X	X		
5	B-3, 0'	12/5	1105	"	5		X	X	X	X	X	X		
6	B-3, 1.5'	"	1115	"	5		X	X	X	X	X	X		
7	B-4, 0'	"	1125	"	5		X	X	X	X	X	X		
8	B-4, 1.5'	"	1130	"	5		X	X	X	X	X	X	ON	
9	B-5, 0'	12/5	1045	"	5		X	X	X	X	X	X	1045	
10	B-5, 1.5	"	1050	"	5		X	X	X	X	X	X		Det. to LLC

<input checked="" type="checkbox"/> Yes	Short Hold No	Total # of Containers:	50	Relinquished by	Date	Time	Received by	Date	Time
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Sampler Name/Signature <u>Jeremy Jernigan/HJ</u>				<u>Gulf</u>	12/5	1345	<u>Dawn Hulm</u>	12/5/01	1345
QA / QC Report Level 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> Other _____				<u>Dawn Hulm</u>	12/5/01	1700	<u>Reeder</u>	12/5/01	1700

Gulf Coast LabNet, Inc. 6389 Spanish Fort Blvd. Suite D Spanish Fort, AL 36527 (334) 625-1331	Rush	Custody Seals	Temp Control	Local Job	<u>Gulf</u>			<u>Kurtis</u>		
	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> 3°C	<input checked="" type="checkbox"/> Y	<u>Dawn Hulm</u>	12/5/01	0737		
	Date Requested									

Matrix Codes

SD	Solid Waste	OL	Oil
GW	Ground Water	SL	Sludge
EFF	Effluent	SO	Soil Sediment
A FW	Analyte Free H2O	AQ	Aqueous
WW	Waste Water	NA	Nonaqueous
DW	Drinking Water	PE	Petroleum
SU	Surface Water	O	Other

Pres. Codes

A - None	E - HCl
B - HNO ₃	F - MeCH
C - H ₂ SO ₄	I - Ice
D - NaOH	O - Other

REMARKS

②8-③035-

Orders: _____

Entered to lims:

Chain of Custody Record

Page 2 Of 5
Sampling CompQAP No. 880374
Approval Date 9-2000

Company Name P. S. I.					LAB ANALYSIS										Matrix Codes			
Address 1985 COPE LANE PENSACOLA, FL 32526					Pres. Codes	H	H	I	H	H	H	H	H	H	H	H	OL	Oil
Attn: JEREMY JERNIGAN Phone#						5035/8260	8270	FL-PRO	pH 9045	PCB 8052	PCB 8052	As, Cd, Cr, Pb				SD	Solid Waste	
Project Name / Location NAS Power House															GW	Ground Water		
Project Number															EFF	Effluent		
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code	# of Cont	Parameters										Pres. Codes		
1	B-6, 0'	12/5	1025	SO	5	X	X	X	X	X	X	② 8260	③ 5035	A - None	E - HCl			
2	B-6, 1.5'	"	1030	"	5	X	X	X	X	X	X			B - HNO ₃	F - MeCH			
3	B-7, 0'	"	1310	"	5	X	X	X	X	X	X			C - H ₂ SO ₄	I - Ice			
4	B-7, 1.5'	"	1315	"	5	X	X	X	X	X	X			D - NaOH	O - Other			
5	B-8, 0'	"	1140	"	5	X	X	X	X	X	X			REMARKS				
6	B-8, 1.5'	"	1150	"	5	X	X	X	X	X	X							
7	B-9, 0'	"	1350	"	5	X	X	X	X	X	X							
8	B-9, 1.5'	"	1400	"	5	X	X	X	X	X	X							
9	B-10, 0'	"	1330	"	5	X	X	X	X	X	X							
10	B-10, 1.5'	"	1340	"	5	X	X	X	X	X	X							
Short Hold Yes		Total # of Containers:			50	Relinquished by				Date	Time	Received by		Date	Time			
Sampler Name/Signature <i>Jeremy Jernigan 19/12/01</i>					<i>John</i>				12/5	1545	<i>Don Hulman</i>		12/3/01	1545				
QA / QC Report Level 1 — 2 — 3 — Other					<i>John Hulman 12/3/01 1700</i>				12/3/01	1700	<i>FedEx by DH</i>		12/3/01	1700				
Gulf Coast LabNet, Inc. 6389 Spanish Fort Blvd. Suite D Spanish Fort, AL 36527 (334) 625-1331					Rush <i>N</i>	Custody Seals <input checked="" type="radio"/> <input type="radio"/>	Temp Control <i>30</i>	Local Job <input checked="" type="radio"/> <input type="radio"/>	<i>FedEx by DH</i>				<i>Keith B</i>		12/7/01	0727		
					Date Requested <input checked="" type="radio"/> <input type="radio"/>													

Orders: _____

Entered to lims:

Chain of Custody Record

Page 5 Of 3
Sampling CompQAP No. 880374
Approval Date 9-2000

Company Name P.S.I.						LAB ANALYSIS										Matrix Codes			
Address 1985 COPE LANE PENSACOLA, FL 32526						Pres. Codes	H	H	T	H	H	H	H	H	H	H	H	H	OL Oil
Attn: JEREMY JERNIGAN Phone#							SO35/8260	8270	FL-PRO	pH 9.05	8081	PEST./PCBS,	As, Cd, Cr, Pb	Lead	SD Solid Waste				
Project Name / Location NAS Power House						Parameters										GW Ground Water			
Project Number																EFF Effluent			
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code	# of Cont										AFW Analyte Free H ₂ O				
1	B-11,01	12/5	1245	SO	5		X	X	X	X	X	X			W W Waste Water				
2	B-11,1.5'	1	1250	"	5		X	X	X	X	X				D W Drinking Water				
3	B-12,01	1	1210	"	5		X	X	X	X	X				SU Surface Water				
4	B-12,1.5'		"		5		X	X	X	X	X				O Other				
5																			
6																			
7																			
8																			
9																			
0																			
<input checked="" type="checkbox"/> Short Hold No		Total # of Containers: 15				Relinquished by				Date	Time	Received by		Date	Time				
Sampler Name/Signature <i>Jeremy Jernigan 12-5-01</i>						<i>J. Jernigan</i>				12/5	1545	<i>Dawn Wilson</i>		12/5/01	1545				
QA / QC Report Level 1 ____ 2 ____ 3 ____ Other ____						<i>Dawn Wilson</i>				12/5/01	1500	<i>FedEx by DH</i>		12/5/01	1700				
Gulf Coast LabNet, Inc. 6389 Spanish Fort Blvd. Suite D Spanish Fort, AL 36527 (334) 625-1331						Rush <i>N</i>	Custody Seals <i>Y N</i>	Temp Control <i>30 C</i>	Local Job <i>Y N</i>										

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 5
Date: 12/13/2001
Log #: L58572-24

Sample Description:
L58572-1 through 20
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.			
				Limit	Date	Date	Analyst	
Percent Solids								
Percent Solid	100	%	SM2540B	0.10	12/07	12/07	EP	
Semivolatile Organic Compounds								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
Aniline	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/10	KK	
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	12/10	12/10	KK	
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK	
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33	12/10	12/10	KK	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 5
Date: 12/13/2001
Log #: L58572-24

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds		(continued)						
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.33		12/10	12/10	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33		12/10	12/10	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33		12/10	12/10	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/10	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/10	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/10	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.33		12/10	12/10	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/10	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/10	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/10	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0		12/10	12/10	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.7		12/10	12/10	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.67		12/10	12/10	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.33		12/10	12/10	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		12/10	12/10	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 5
Date: 12/13/2001
Log #: L58572-24

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	12/10	12/10	KK
Dilution Factor	1.0		3550/8270		12/10	12/10	KK
Surrogate Recoveries:							
2-Fluorophenol	83.0	%	3550/8270	29-109	12/10	12/10	KK
Phenol-d5	81.0	%	3550/8270	30-109	12/10	12/10	KK
Nitrobenzene-d5	76.0	%	3550/8270	15-121	12/10	12/10	KK
2-Fluorobiphenyl	88.0	%	3550/8270	42-111	12/10	12/10	KK
2,4,6-Tribromophenol	81.0	%	3550/8270	47-124	12/10	12/10	KK
Terphenyl-d14	94.0	%	3550/8270	37-143	12/10	12/10	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.50	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Chromium	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Lead	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	17	12/10	12/10	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	17	12/10	12/10	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	17	12/10	12/10	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	17	12/10	12/10	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	17	12/10	12/10	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	17	12/10	12/10	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	17	12/10	12/10	RR
Dilution Factor	1.0		3550/8082		12/10	12/10	RR
Surrogate Recoveries:							
TCMX	76.0	%	3550/8082	48-126	12/10	12/10	RR
Decachlorobiphenyl	62.0	%	3550/8082	47-159	12/10	12/10	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.0	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	86.0	%	FLPRO	62-109	12/10	12/12	AW

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 5
Date: 12/13/2001
Log #: L58572-24

Sample Description:

L58572-1 through 20
 NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Florida Petroleum Range Organics (continued)								
Tritriaccontane	113	%	FLPRO	60-118		12/10	12/12	AW
Organochlorine Pesticides								
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.7		12/09	12/11	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	17		12/09	12/11	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.3		12/09	12/11	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100		12/09	12/11	TB
Dilution Factor	1.0		3550/8081			12/09	12/11	TB
Surrogate Recoveries:								
TCMX	88.0	%	3550/8081	48-126		12/09	12/11	TB
DCB	103	%	3550/8081	47-159		12/09	12/11	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 5
Date: 12/13/2001
Log #: L58572-24

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 3
Date: 12/13/2001
Log #: L58572-25

Sample Description:

L58572-1 through 20
 NAS Power House

Analytical Report: LCS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.
				Limit	Date	
8260 Soil QC						
1,1-Dichloroethene	88.0	%	5035/8260	41-145	12/10	12/10 BL
Benzene	98.0	%	5035/8260	35-146	12/10	12/10 BL
Trichloroethene	96.0	%	5035/8260	29-149	12/10	12/10 BL
Toluene	92.0	%	5035/8260	19-148	12/10	12/10 BL
Chlorobenzene	98.0	%	5035/8260	17-146	12/10	12/10 BL
Dilution Factor	1.0		5035/8260		12/10	12/10 BL
Surrogate Recoveries:						
Dibromofluoromethane	95.0	%	5035/8260	52-155	12/10	12/10 BL
Toluene-D8	103	%	5035/8260	46-154	12/10	12/10 BL
4-Bromofluorobenzene	93.0	%	5035/8260	36-138	12/10	12/10 BL
8081 Soil QC						
gamma-BHC	94.0	%	3550/8081	28-158	12/09	12/11 TB
Heptachlor	98.0	%	3550/8081	26-167	12/09	12/11 TB
Aldrin	93.0	%	3550/8081	22-147	12/09	12/11 TB
Dieleadrin	103	%	3550/8081	10-177	12/09	12/11 TB
Endrin	113	%	3550/8081	15-194	12/09	12/11 TB
4,4'-DDT	110	%	3550/8081	10-192	12/09	12/11 TB
Dilution Factor	1.0		3550/8081		12/09	12/11 TB
Surrogate Recoveries:						
TCMX	53.0	%	3550/8081	48-126	12/09	12/11 TB
DCB	69.0	%	3550/8081	47-159	12/09	12/11 TB
FLPRO Soil QC						
TPH(C8-C40)	73.0	%	FLPRO	63-153	12/10	12/12 AW
Dilution Factor	1.0		FLPRO		12/10	12/12 AW
Surrogate Recoveries:						
o-Terphenyl	82.0	%	FLPRO	62-109	12/10	12/12 AW
Tritriaccontane	111	%	FLPRO	60-118	12/10	12/12 AW

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 3
Date: 12/13/2001
Log #: L58572-25

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: LCS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
PCB Soil QC							
PCB 1016	77.0	%	3550/8082	33-147	12/10	12/10	RR
PCB 1260	92.0	%	3550/8082	18-159	12/10	12/10	RR
Dilution Factor	1.0		3550/8082		12/10	12/10	RR
Surrogate Recoveries:							
TCMX	87.0	%	3550/8082	48-126	12/10	12/10	RR
Decachlorobiphenyl	67.0	%	3550/8082	47-159	12/10	12/10	RR
8270 Soil QC							
Phenol	84.0	%	3550/8270	35-114	12/10	12/10	KK
2-Chlorophenol	87.0	%	3550/8270	34-113	12/10	12/10	KK
1,4-Dichlorobenzene	82.0	%	3550/8270	31-100	12/10	12/10	KK
N-Nitrosodi-n-propylamine	80.0	%	3550/8270	26-118	12/10	12/10	KK
1,2,4-Trichlorobenzene	77.0	%	3550/8270	21-125	12/10	12/10	KK
4-Chloro-3-Methylphenol	92.0	%	3550/8270	21-148	12/10	12/10	KK
Acenaphthene	83.0	%	3550/8270	40-117	12/10	12/10	KK
2,4-Dinitrotoluene	79.0	%	3550/8270	30-116	12/10	12/10	KK
4-Nitrophenol	76.0	%	3550/8270	10-127	12/10	12/10	KK
Pentachlorophenol	93.0	%	3550/8270	24-136	12/10	12/10	KK
Di-N-Butylphthalate	97.0	%	3550/8270	26-136	12/10	12/10	KK
Pyrene	99.0	%	3550/8270	24-150	12/10	12/10	KK
Dilution Factor	1.0		3550/8270		12/10	12/10	KK
Surrogate Recoveries:							
2-Fluorophenol	77.0	%	3550/8270	29-129	12/10	12/10	KK
Phenol-d5	80.0	%	3550/8270	30-109	12/10	12/10	KK
Nitrobenzene-d5	68.0	%	3550/8270	15-121	12/10	12/10	KK
2-Fluorobiphenyl	88.0	%	3550/8270	42-111	12/10	12/10	KK
2,4,6-Tribromophenol	83.0	%	3550/8270	47-123	12/10	12/10	KK
Terphenyl-d14	96.0	%	3550/8270	37-143	12/10	12/10	KK
Metals Soil QC							
Arsenic	80.0	%	3050/6010	80-120	12/07	12/08	SB
Cadmium	77.2	%	3050/6010	80-120	12/07	12/08	SB
Chromium	88.1	%	3050/6010	80-120	12/07	12/08	SB
Lead	86.0	%	3050/6010	80-120	12/07	12/08	SB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 3
Date: 12/13/2001
Log #: L58572-25

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: LCS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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Metals Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted, Mike Kimmel Senior Project Manager
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 6
Date: 12/13/2001
Log #: L58572-26

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	100	%	SM2540B	0.10	12/11	12/11	EP
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.025	12/11	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.025	12/11	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 6
Date: 12/13/2001
Log #: L58572-26

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.015	12/11	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0040	12/11	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0010	12/11	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 6
Date: 12/13/2001
Log #: L58572-26

Sample Description:

L58572-21, 22, 23
 NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)								
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050		12/11	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.010		12/11	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0040		12/11	12/11	BL
Dilution Factor	1.0		5035/8260			12/11	12/11	BL
Surrogate Recoveries:								
Dibromofluoromethane	98.0	%	5035/8260	52-155		12/11	12/11	BL
Toluene-D8	95.0	%	5035/8260	46-154		12/11	12/11	BL
4-Bromofluorobenzene	91.0	%	5035/8260	36-138		12/11	12/11	BL
Semivolatile Organic Compounds								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0		12/08	12/10	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0		12/08	12/10	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.33		12/08	12/10	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10		12/08	12/10	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 6
Date: 12/13/2001
Log #: L58572-26

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33	12/08	12/10	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33	12/08	12/10	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.33	12/08	12/10	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.7	12/08	12/10	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.67	12/08	12/10	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.33	12/08	12/10	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 6
Date: 12/13/2001
Log #: L58572-26

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Dilution Factor	1.0		3550/8270		12/08	12/10	KK
Surrogate Recoveries:							
2-Fluorophenol	54.0	%	3550/8270	29-109	12/08	12/10	KK
Phenol-d5	58.0	%	3550/8270	30-109	12/08	12/10	KK
Nitrobenzene-d5	54.0	%	3550/8270	15-121	12/08	12/10	KK
2-Fluorobiphenyl	50.0	%	3550/8270	42-111	12/08	12/10	KK
2,4,6-Tribromophenol	49.0	%	3550/8270	47-124	12/08	12/10	KK
Terphenyl-d14	69.0	%	3550/8270	37-143	12/08	12/10	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.50	12/07	12/08	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Chromium	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/10	SB
Lead	BDL	mg/kg (dw)	3050/6010	1.0	12/07	12/08	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	17	12/08	12/11	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	17	12/08	12/11	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	17	12/08	12/11	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	17	12/08	12/11	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	17	12/08	12/11	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	17	12/08	12/11	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	17	12/08	12/11	RR
Dilution Factor	1.0		3550/8082		12/08	12/11	RR
Surrogate Recoveries:							
TCMX	54.0	%	3550/8082	48-126	12/08	12/11	RR
Decachlorobiphenyl	45.0	%	3550/8082	47-159	12/08	12/11	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.0	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW
Surrogate Recoveries:							
o-Terphenyl	88.0	%	FLPRO	62-109	12/11	12/11	AW
Tritriaccontane	87.0	%	FLPRO	60-118	12/11	12/11	AW
Organochlorine Pesticides							

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 6
Date: 12/13/2001
Log #: L58572-26

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Organochlorine Pesticides (continued)								
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.7		12/06	12/06	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	17		12/06	12/06	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.3		12/06	12/06	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100		12/06	12/06	TB
Dilution Factor	1.0		3550/8081			12/06	12/06	TB
Surrogate Recoveries:								
TCMX	73.0	%	3550/8081	48-126		12/06	12/06	TB
DCB	78.0	%	3550/8081	47-159		12/06	12/06	TB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 3
Date: 12/13/2001
Log #: L58572-27

Sample Description:

L58572-21,22,23
 NAS Power House

Analytical Report: LCS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly. Date	Analyst
				Limit	Date		
8260 Soil QC							
1,1-Dichloroethene	82.0	%	5035/8260	41-145	12/11	12/11	BL
Benzene	90.0	%	5035/8260	35-146	12/11	12/11	BL
Trichloroethene	94.0	%	5035/8260	29-149	12/11	12/11	BL
Toluene	92.0	%	5035/8260	19-148	12/11	12/11	BL
Chlorobenzene	92.0	%	5035/8260	17-146	12/11	12/11	BL
Dilution Factor	1.0		5035/8260		12/11	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	102	%	5035/8260	52-155	12/11	12/11	BL
Toluene-D8	104	%	5035/8260	46-154	12/11	12/11	BL
4-Bromofluorobenzene	90.0	%	5035/8260	36-138	12/11	12/11	BL
8081 Soil QC							
gamma-BHC	109	%	3550/8081	28-158	12/06	12/06	TB
Heptachlor	117	%	3550/8081	26-167	12/06	12/06	TB
Aldrin	110	%	3550/8081	22-147	12/06	12/06	TB
Dieleadrin	112	%	3550/8081	10-177	12/06	12/06	TB
Endrin	120	%	3550/8081	15-194	12/06	12/06	TB
4,4'-DDT	116	%	3550/8081	10-192	12/06	12/06	TB
Dilution Factor	1.0		3550/8081		12/06	12/06	TB
Surrogate Recoveries:							
TCMX	70.0	%	3550/8081	48-126	12/06	12/06	TB
DCB	74.0	%	3550/8081	47-159	12/06	12/06	TB
FLPRO Soil QC							
TPH(C8-C40)	78.0	%	FLPRO	63-153	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW
Surrogate Recoveries:							
o-Terphenyl	101	%	FLPRO	62-109	12/11	12/11	AW
Tritriacontane	128	%	FLPRO	60-118	12/11	12/11	AW

Client #: GCL-03-000016
Address: PSI
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Page: Page 2 of 3
Date: 12/13/2001
Log #: L58572-27

Sample Description:

L58572-21,22,23
 NAS Power House

Analytical Report: LCS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
PCB Soil QC							
PCB 1016	53.0	%	3550/8082	33-147	12/11	12/11	RR
PCB 1260	65.0	%	3550/8082	18-159	12/11	12/11	RR
Dilution Factor	1.0		3550/8082		12/11	12/11	RR
Surrogate Recoveries:							
TCMX	58.0	%	3550/8082	48-126	12/11	12/11	RR
Decachlorobiphenyl	46.0	%	3550/8082	47-159	12/11	12/11	RR
8270 Soil QC							
Phenol	76.0	%	3550/8270	35-114	12/08	12/10	KK
2-Chlorophenol	77.0	%	3550/8270	34-113	12/08	12/10	KK
1,4-Dichlorobenzene	65.0	%	3550/8270	31-100	12/08	12/10	KK
N-Nitrosodi-n-propylamine	64.0	%	3550/8270	26-118	12/08	12/10	KK
1,2,4-Trichlorobenzene	65.0	%	3550/8270	21-125	12/08	12/10	KK
4-Chloro-3-Methylphenol	69.0	%	3550/8270	21-148	12/08	12/10	KK
Acenaphthene	62.0	%	3550/8270	40-117	12/08	12/10	KK
2,4-Dinitrotoluene	61.0	%	3550/8270	30-116	12/08	12/10	KK
4-Nitrophenol	51.0	%	3550/8270	10-127	12/08	12/10	KK
Pentachlorophenol	57.0	%	3550/8270	24-136	12/08	12/10	KK
Di-N-Butylphthalate	67.0	%	3550/8270	26-136	12/08	12/10	KK
Pyrene	74.0	%	3550/8270	24-150	12/08	12/10	KK
Dilution Factor	1.0		3550/8270		12/08	12/10	KK
Surrogate Recoveries:							
2-Fluorophenol	70.0	%	3550/8270	29-129	12/08	12/10	KK
Phenol-d5	73.0	%	3550/8270	30-109	12/08	12/10	KK
Nitrobenzene-d5	62.0	%	3550/8270	15-121	12/08	12/10	KK
2-Fluorobiphenyl	60.0	%	3550/8270	42-111	12/08	12/10	KK
2,4,6-Tribromophenol	61.0	%	3550/8270	47-123	12/08	12/10	KK
Terphenyl-d14	74.0	%	3550/8270	37-143	12/08	12/10	KK
Metals Soil QC							
Arsenic	80.6	%	3050/6010	80-120	12/08	12/08	SB
Cadmium	81.1	%	3050/6010	80-120	12/08	12/08	SB
Chromium	91.3	%	3050/6010	80-120	12/07	12/10	SB
Lead	86.7	%	3050/6010	80-120	12/08	12/08	SB

Client #: GCL-03-000016
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Page: Page 3 of 3
Date: 12/13/2001
Log #: L58572-27

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: LCS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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Metals Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-28

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-1, O'MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Analyst
				Limit	Date	

8260 Soil QC

1,1-Dichloroethene	88.0	%	5035/8260	41-145	12/10	12/10	BL
Benzene	98.0	%	5035/8260	35-146	12/10	12/10	BL
Trichloroethene	92.0	%	5035/8260	29-149	12/10	12/10	BL
Toluene	88.0	%	5035/8260	19-148	12/10	12/10	BL
Chlorobenzene	94.0	%	5035/8260	17-146	12/10	12/10	BL
Dilution Factor	1.0		5035/8260		12/10	12/10	BL

Surrogate Recoveries:

Dibromofluoromethane	96.0	%	5035/8260	52-155	12/10	12/10	BL
Toluene-D8	97.0	%	5035/8260	46-154	12/10	12/10	BL
4-Bromofluorobenzene	89.0	%	5035/8260	36-138	12/10	12/10	BL

Metals Soil QC

Arsenic	80.8	%	3050/6010	80-120	12/07	12/08	SB
Cadmium	79.2	%	3050/6010	80-120	12/07	12/08	SB
Chromium	92.7	%	3050/6010	80-120	12/07	12/08	SB
Lead	238 MI	%	3050/6010	80-120	12/07	12/08	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122, 86109, E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,


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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-29

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-1, O'MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
8260 Soil QC							
1,1-Dichloroethene	100	%	5035/8260	41-145	12/10	12/10	BL
Benzene	108	%	5035/8260	35-146	12/10	12/10	BL
Trichloroethene	108	%	5035/8260	29-149	12/10	12/10	BL
Toluene	108	%	5035/8260	19-148	12/10	12/10	BL
Chlorobenzene	114	%	5035/8260	17-146	12/10	12/10	BL
Dilution Factor	1.0		5035/8260		12/10	12/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	108	%	5035/8260	52-155	12/10	12/10	BL
Toluene-D8	117	%	5035/8260	46-154	12/10	12/10	BL
4-Bromofluorobenzene	104	%	5035/8260	36-138	12/10	12/10	BL
Metals Soil QC							
Arsenic	81.2	%	3050/6010	80-120	12/07	12/08	SB
Cadmium	78.3	%	3050/6010	80-120	12/07	12/08	SB
Chromium	92.2	%	3050/6010	80-120	12/07	12/08	SB
Lead	137 MI	%	3050/6010	80-120	12/07	12/08	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,


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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-30

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: MSAMP L58530-26
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.	Date	Analyst
				Limit	Date			
Metals								
Arsenic	270	mg/kg (ww)	3050/6010	2.5		12/07	12/08	SB
Cadmium	15000	mg/kg (ww)	3050/6010	5.0		12/07	12/08	SB
Chromium	76000	mg/kg (ww)	3050/6010	100		12/07	12/10	SB
Lead	1800	mg/kg (ww)	3050/6010	5.0		12/07	12/08	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

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 Jeremy Jernigan

Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-31

Sample Description:

L58572-21,22,23
 NAS Power House

Analytical Report: L58530-26MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.	Date Analyst
				Limit	Date		
Metals Soil QC							
Arsenic	537	%	3050/6010	80-120	12/08	12/08	SB
Cadmium	7990	%	3050/6010	80-120	12/08	12/08	SB
Chromium	95000	%	3050/6010	80-120	12/07	12/10	SB
Lead	1120	%	3050/6010	80-120	12/08	12/08	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
 Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-32

Sample Description:

L58572-21, 22, 23
NAS Power House

Analytical Report: L58530-26MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Metals Soil QC							
Arsenic	314	%	3050/6010	80-120	12/08	12/08	SB
Cadmium	17600	%	3050/6010	80-120	12/08	12/08	SB
Chromium	69000	%	3050/6010	80-120	12/07	12/10	SB
Lead	1530	%	3050/6010	80-120	12/08	12/08	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122, 86109, E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

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Senior Project Manager

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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-33

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: Duplicate
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
General Chemistry								
pH	100	%	9045	1.0		12/10	12/10	MA

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
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Client #: GCL-03-000016
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-34

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: Duplicate
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
General Chemistry							
pH	100	%	9045	1.0	12/10	12/10	MA

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
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Client #: GCL-03-000016
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-35

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: MSAMP L58545-1
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Organochlorine Pesticides							
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7	12/06	12/07	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7	12/06	12/07	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7	12/06	12/07	TB
Dieldrin	19	ug/kg (ww)	3550/8081	1.7	12/06	12/07	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.3	12/06	12/07	TB
4,4'-DDT	4.2	ug/kg (ww)	3550/8081	3.3	12/06	12/07	TB
Dilution Factor	1.0		3550/8081		12/06	12/07	TB
Surrogate Recoveries:							
TCMX	73.0	%	3550/8081	48-126	12/06	12/07	TB
DCB	15.0	%	3550/8081	47-159	12/06	12/07	TB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

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Senior Project Manager

Client #: GCL-03-000016
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-36

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: L58545-1MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
8081 Soil QC							
gamma-BHC	89.0	%	3550/8081	28-158	12/06	12/06	TB
Heptachlor	91.0	%	3550/8081	26-167	12/06	12/06	TB
Aldrin	86.0	%	3550/8081	22-147	12/06	12/06	TB
Dieldrin	83.0	%	3550/8081	10-177	12/06	12/06	TB
Endrin	172	%	3550/8081	15-194	12/06	12/06	TB
4,4'-DDT	48.0	%	3550/8081	10-192	12/06	12/06	TB
Dilution Factor	1.0		3550/8081		12/06	12/06	TB
Surrogate Recoveries:							
TCMX	53.0	%	3550/8081	48-126	12/06	12/06	TB
DCB	11.0	%	3550/8081	47-159	12/06	12/06	TB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

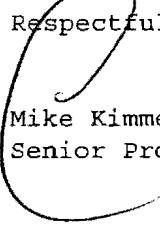
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-37

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: L58545-1MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Analyst	Limit	Date	Date
8081 Soil QC								
gamma-BHC	90.0	%	3550/8081	28-158	12/06	12/06	TB	
Heptachlor	72.0	%	3550/8081	26-167	12/06	12/06	TB	
Aldrin	89.0	%	3550/8081	22-147	12/06	12/06	TB	
Dieldrin	91.0	%	3550/8081	10-177	12/06	12/06	TB	
Endrin	167	%	3550/8081	15-194	12/06	12/06	TB	
4,4'-DDT	29.0	%	3550/8081	10-192	12/06	12/06	TB	
Dilution Factor	1.0		3550/8081		12/06	12/06	TB	
Surrogate Recoveries:								
TCMX	57.0	%	3550/8081	48-126	12/06	12/06	TB	
DCB	13.0	%	3550/8081	47-159	12/06	12/06	TB	

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# EB6240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 2
Date: 12/13/2001
Log #: L58572-38

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-5, O' MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Date	Anly.
				Limit	Date		
8081 Soil QC							
gamma-BHC	143	%	3550/8081	28-158	12/09	12/11	TB
Heptachlor	138	%	3550/8081	26-167	12/09	12/11	TB
Aldrin	127	%	3550/8081	22-147	12/09	12/11	TB
Dieldrin	140	%	3550/8081	10-177	12/09	12/11	TB
Endrin	156	%	3550/8081	15-194	12/09	12/11	TB
4,4'-DDT	148	%	3550/8081	10-192	12/09	12/11	TB
Dilution Factor	1.0		3550/8081		12/09	12/11	TB
Surrogate Recoveries:							
TCMX	88.0	%	3550/8081	48-126	12/09	12/11	TB
DCB	90.0	%	3550/8081	47-159	12/09	12/11	TB
PCB Soil QC							
PCB 1016	91.0	%	3550/8082	33-147	12/10	12/10	RR
PCB 1260	103	%	3550/8082	18-159	12/10	12/10	RR
Dilution Factor	1.0		3550/8082		12/10	12/10	RR
Surrogate Recoveries:							
TCMX	107	%	3550/8082	48-126	12/10	12/10	RR
Decachlorobiphenyl	78.0	%	3550/8082	47-159	12/10	12/10	RR

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 12/13/2001
Log #: L58572-38

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-5, 0' MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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PCB Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CPR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 2
Date: 12/13/2001
Log #: L58572-39

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-5, 0' MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.	Date	Analyst
				Limit	Date			
8081 Soil QC								
gamma-BHC	96.0	%	3550/8081	28-158	12/09	12/11	TB	
Heptachlor	93.0	%	3550/8081	26-167	12/09	12/11	TB	
Aldrin	85.0	%	3550/8081	22-147	12/09	12/11	TB	
Dieldrin	94.0	%	3550/8081	10-177	12/09	12/11	TB	
Endrin	105	%	3550/8081	15-194	12/09	12/11	TB	
4,4'-DDT	97.0	%	3550/8081	10-192	12/09	12/11	TB	
Dilution Factor	1.0		3550/8081		12/09	12/11	TB	
Surrogate Recoveries:								
TCMX	57.0	%	3550/8081	48-126	12/09	12/11	TB	
DCB	59.0	%	3550/8081	47-159	12/09	12/11	TB	
PCB Soil QC								
PCB 1016	91.0	%	3550/8082	33-147	12/10	12/10	RR	
PCB 1260	105	%	3550/8082	18-159	12/10	12/10	RR	
Dilution Factor	1.0		3550/8082		12/10	12/10	RR	
Surrogate Recoveries:								
TCMX	73.0	%	3550/8082	48-126	12/10	12/10	RR	
Decachlorobiphenyl	73.0	%	3550/8082	47-159	12/10	12/10	RR	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 12/13/2001
Log #: L58572-39

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-5, 0' MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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PCB Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 2
Date: 12/13/2001
Log #: L58572-40

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: MSAMP L58523-1
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
8270 Soil QC							
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.33	12/08	12/10	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33	12/08	12/10	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	12/08	12/10	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	12/08	12/10	KK
Pyrene	0.520	mg/kg (ww)	3550/8270	0.10	12/08	12/10	KK
Dilution Factor	1.0		3550/8270		12/08	12/10	KK
Surrogate Recoveries:							
2-Fluorophenol	34.0	%	3550/8270	29-129	12/08	12/10	KK
Phenol-d5	38.0	%	3550/8270	30-109	12/08	12/10	KK
Nitrobenzene-d5	36.0	%	3550/8270	15-121	12/08	12/10	KK
2-Fluorobiphenyl	42.0	%	3550/8270	42-111	12/08	12/10	KK
2,4,6-Tribromophenol	29.0	%	3550/8270	47-123	12/08	12/10	KK
Terphenyl-d14	50.0	%	3550/8270	37-143	12/08	12/10	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 12/13/2001
Log #: L58572-40

Sample Description:

L58572-21, 22, 23
NAS Power House

Analytical Report: MSAMP L58523-1
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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8270 Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPP; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 2
Date: 12/13/2001
Log #: L58572-41

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: L58523-1MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
8270 Soil QC									
Phenol	66.0	%	3550/8270	35-114	12/08	12/10	KK		
2-Chlorophenol	62.0	%	3550/8270	34-113	12/08	12/10	KK		
1,4-Dichlorobenzene	52.0	%	3550/8270	31-100	12/08	12/10	KK		
N-Nitrosodi-n-propylamine	66.0	%	3550/8270	26-118	12/08	12/10	KK		
1,2,4-Trichlorobenzene	55.0	%	3550/8270	21-125	12/08	12/10	KK		
4-Chloro-3-Methylphenol	61.0	%	3550/8270	21-148	12/08	12/10	KK		
Acenaphthene	64.0	%	3550/8270	40-117	12/08	12/10	KK		
2,4-Dinitrotoluene	64.0	%	3550/8270	30-116	12/08	12/10	KK		
4-Nitrophenol	33.0	%	3550/8270	10-127	12/08	12/10	KK		
Pentachlorophenol	38.0	%	3550/8270	24-136	12/08	12/10	KK		
Di-N-Butylphthalate	60.0	%	3550/8270	26-136	12/08	12/10	KK		
Pyrene	57.0	%	3550/8270	24-150	12/08	12/10	KK		
Dilution Factor	1.0		3550/8270		12/08	12/10	KK		
Surrogate Recoveries:									
2-Fluorophenol	65.0	%	3550/8270	29-129	12/08	12/10	KK		
Phenol-d5	62.0	%	3550/8270	30-109	12/08	12/10	KK		
Nitrobenzene-d5	50.0	%	3550/8270	15-121	12/08	12/10	KK		
2-Fluorobiphenyl	43.0	%	3550/8270	42-111	12/08	12/10	KK		
2,4,6-Tribromophenol	31.0	%	3550/8270	47-123	12/08	12/10	KK		
Terphenyl-d14	42.0	%	3550/8270	37-143	12/08	12/10	KK		

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 12/13/2001
Log #: L58572-41

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: L58523-1MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anal.	Limit	Date	Date	Analyst
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8270 Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 2
Date: 12/13/2001
Log #: L58572-42

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: L58523-1MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
8270 Soil QC							
Phenol	64.0	%	3550/8270	35-114	12/08	12/10	KK
2-Chlorophenol	57.0	%	3550/8270	34-113	12/08	12/10	KK
1,4-Dichlorobenzene	51.0	%	3550/8270	31-100	12/08	12/10	KK
N-Nitrosodi-n-propylamine	55.0	%	3550/8270	26-118	12/08	12/10	KK
1,2,4-Trichlorobenzene	57.0	%	3550/8270	21-125	12/08	12/10	KK
4-Chloro-3-Methylphenol	59.0	%	3550/8270	21-148	12/08	12/10	KK
Acenaphthene	60.0	%	3550/8270	40-117	12/08	12/10	KK
2,4-Dinitrotoluene	64.0	%	3550/8270	30-116	12/08	12/10	KK
4-Nitrophenol	34.0	%	3550/8270	10-127	12/08	12/10	KK
Pentachlorophenol	33.0	%	3550/8270	24-136	12/08	12/10	KK
Di-N-Butylphthalate	60.0	%	3550/8270	26-136	12/08	12/10	KK
Pyrene	61.0	%	3550/8270	24-150	12/08	12/10	KK
Dilution Factor	1.0		3550/8270		12/08	12/10	KK
Surrogate Recoveries:							
2-Fluorophenol	30.0	%	3550/8270	29-129	12/08	12/10	KK
Phenol-d5	31.0	%	3550/8270	30-109	12/08	12/10	KK
Nitrobenzene-d5	36.0	%	3550/8270	15-121	12/08	12/10	KK
2-Fluorobiphenyl	43.0	%	3550/8270	42-111	12/08	12/10	KK
2,4,6-Tribromophenol	24.0	%	3550/8270	47-123	12/08	12/10	KK
Terphenyl-d14	50.0	%	3550/8270	37-143	12/08	12/10	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 12/13/2001
Log #: L58572-42

Sample Description:

L58572-21, 22, 23
NAS Power House

Analytical Report: L58523-1MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Date	Analyst
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8270 Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 2
Date: 12/13/2001
Log #: L58572-43

Sample Description:

L58572-1 through 20
 NAS Power House

Analytical Report: B-5, 1.5' MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
				Limit				
8270 Soil QC								
Phenol	89.0	%	3550/8270	35-114	12/10	12/10	12/10	KK
2-Chlorophenol	89.0	%	3550/8270	34-113	12/10	12/10	12/10	KK
1,4-Dichlorobenzene	77.0	%	3550/8270	31-100	12/10	12/10	12/10	KK
N-Nitrosodi-n-propylamine	83.0	%	3550/8270	26-118	12/10	12/10	12/10	KK
1,2,4-Trichlorobenzene	96.0	%	3550/8270	21-125	12/10	12/10	12/10	KK
4-Chloro-3-Methylphenol	106	%	3550/8270	21-148	12/10	12/10	12/10	KK
Acenaphthene	95.0	%	3550/8270	40-117	12/10	12/10	12/10	KK
2,4-Dinitrotoluene	96.0	%	3550/8270	30-116	12/10	12/10	12/10	KK
4-Nitrophenol	77.0	%	3550/8270	10-127	12/10	12/10	12/10	KK
Pentachlorophenol	96.0	%	3550/8270	24-136	12/10	12/10	12/10	KK
Di-N-Butylphthalate	109	%	3550/8270	26-136	12/10	12/10	12/10	KK
Pyrene	102	%	3550/8270	24-150	12/10	12/10	12/10	KK
Dilution Factor	1.0		3550/8270		12/10	12/10	12/10	KK
Surrogate Recoveries:								
2-Fluorophenol	72.0	%	3550/8270	29-129	12/10	12/10	12/10	KK
Phenol-d5	78.0	%	3550/8270	30-109	12/10	12/10	12/10	KK
Nitrobenzene-d5	80.0	%	3550/8270	15-121	12/10	12/10	12/10	KK
2-Fluorobiphenyl	89.0	%	3550/8270	42-111	12/10	12/10	12/10	KK
2,4,6-Tribromophenol	82.0	%	3550/8270	47-123	12/10	12/10	12/10	KK
Terphenyl-d14	92.0	%	3550/8270	37-143	12/10	12/10	12/10	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
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Page: Page 2 of 2
Date: 12/13/2001
Log #: L58572-43

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-5, 1.5' MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.	Analyst
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8270 Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
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Pensacola, FL 32526
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Page: Page 1 of 2
Date: 12/13/2001
Log #: L58572-44

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-5, 1.5' MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
8270 Soil QC									
Phenol	80.0	%	3550/8270	35-114	12/10	12/10	KK		
2-Chlorophenol	78.0	%	3550/8270	34-113	12/10	12/10	KK		
1,4-Dichlorobenzene	66.0	%	3550/8270	31-100	12/10	12/10	KK		
N-Nitrosodi-n-propylamine	73.0	%	3550/8270	26-118	12/10	12/10	KK		
1,2,4-Trichlorobenzene	77.0	%	3550/8270	21-125	12/10	12/10	KK		
4-Chloro-3-Methylphenol	89.0	%	3550/8270	21-148	12/10	12/10	KK		
Acenaphthene	72.0	%	3550/8270	40-117	12/10	12/10	KK		
2,4-Dinitrotoluene	71.0	%	3550/8270	30-116	12/10	12/10	KK		
4-Nitrophenol	66.0	%	3550/8270	10-127	12/10	12/10	KK		
Pentachlorophenol	89.0	%	3550/8270	24-136	12/10	12/10	KK		
Di-N-Butylphthalate	86.0	%	3550/8270	26-136	12/10	12/10	KK		
Pyrene	83.0	%	3550/8270	24-150	12/10	12/10	KK		
Dilution Factor	1.0		3550/8270		12/10	12/10	KK		
Surrogate Recoveries:									
2-Fluorophenol	87.0	%	3550/8270	29-129	12/10	12/10	KK		
Phenol-d5	94.0	%	3550/8270	30-109	12/10	12/10	KK		
Nitrobenzene-d5	87.0	%	3550/8270	15-121	12/10	12/10	KK		
2-Fluorobiphenyl	86.0	%	3550/8270	42-111	12/10	12/10	KK		
2,4,6-Tribromophenol	97.0	%	3550/8270	47-123	12/10	12/10	KK		
Terphenyl-d14	96.0	%	3550/8270	37-143	12/10	12/10	KK		

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Page: Page 2 of 2
Date: 12/13/2001
Log #: L58572-44

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-5, 1.5' MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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8270 Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-45

Sample Description:

L58572-21, 22, 23
NAS Power House

Analytical Report: MSAMP L58358-1
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
Polychlorinated Biphenyls									
PCB 1016	BDL	ug/kg (dw)	3550/8082	17		12/08	12/11	RR	
PCB 1221	BDL	ug/kg (dw)	3550/8082	17		12/08	12/11	RR	
PCB 1232	BDL	ug/kg (dw)	3550/8082	17		12/08	12/11	RR	
PCB 1242	BDL	ug/kg (dw)	3550/8082	17		12/08	12/11	RR	
PCB 1248	BDL	ug/kg (dw)	3550/8082	17		12/08	12/11	RR	
PCB 1254	BDL	ug/kg (dw)	3550/8082	17		12/08	12/11	RR	
PCB 1260	BDL	ug/kg (dw)	3550/8082	17		12/08	12/11	RR	
Dilution Factor	1.0		3550/8082			12/08	12/11	RR	
Surrogate Recoveries:									
TCMX	48.0	%	3550/8082	48-126		12/08	12/11	RR	
Decachlorobiphenyl	33.0	%	3550/8082	47-159		12/08	12/11	RR	

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

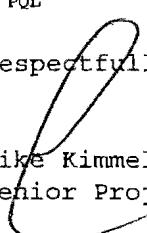
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122, 86109, E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,


Mike Kimmel
Senior Project Manager

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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-46

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: L58358-1MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
PCB Soil QC							
PCB 1016	38.0	%	3550/8082	33-147	12/11	12/11	RR
PCB 1260	45.0	%	3550/8082	18-159	12/11	12/11	RR
Dilution Factor	1.0		3550/8082		12/11	12/11	RR
Surrogate Recoveries:							
TCMX	48.0	%	3550/8082	48-126	12/11	12/11	RR
Decachlorobiphenyl	34.0	%	3550/8082	47-159	12/11	12/11	RR

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted, Mike Kimmel Senior Project Manager
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Client #: GCL-03-000016
Address: PSI
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-47

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: L58358-1MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
PCB Soil QC							
PCB 1016	39.0	%	3550/8082	33-147	12/11	12/11	RR
PCB 1260	45.0	%	3550/8082	18-159	12/11	12/11	RR
Dilution Factor	1.0		3550/8082		12/11	12/11	RR
Surrogate Recoveries:							
TCMX	51.0	%	3550/8082	48-126	12/11	12/11	RR
Decachlorobiphenyl	33.0	%	3550/8082	47-159	12/11	12/11	RR

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-48

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: MSAMP L58579-1
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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Florida Petroleum Range Organics

TPH(C8-C40)	6.7	mg/kg (ww)	FLPRO	5.0	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW
Surrogate Recoveries:							
o-Terphenyl	74.0	%	FLPRO	62-109	12/11	12/11	AW
Tritriaccontane	78.0	%	FLPRO	60-118	12/11	12/11	AW

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-49

Sample Description:

L58572-21, 22, 23
NAS Power House

Analytical Report: L58579-1MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.
				Limit	Date

FLPRO Soil QC

TPH(C8-C40)	67.0	%	FLPRO	63-153	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW

Surrogate Recoveries:

o-Terphenyl	88.0	%	FLPRO	62-109	12/11	12/11	AW
Tritriaccontane	85.0	%	FLPRO	60-118	12/11	12/11	AW

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

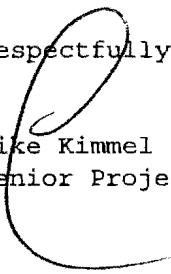
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


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Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-50

Sample Description:

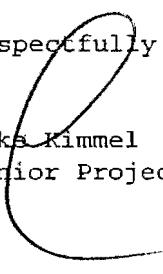
L58572-21, 22, 23
NAS Power House

Analytical Report: L58579-1MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
FLPRO Soil QC							
TPH(C8-C40)	64.0	%	FLPRO	63-153	12/11	12/11	AW
Dilution Factor	1.0		FLPRO		12/11	12/11	AW
Surrogate Recoveries:							
o-Terphenyl	92.0	%	FLPRO	62-109	12/11	12/11	AW
Tritriaccontane	90.0	%	FLPRO	60-118	12/11	12/11	AW

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-51

Sample Description:

L58572-21,22,23
 NAS Power House

Analytical Report: B-11,0' MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Limit	Date	Analyst
8260 Soil QC							
1,1-Dichloroethene	84.0	%	5035/8260	41-145	12/11	12/11	BL
Benzene	92.0	%	5035/8260	35-146	12/11	12/11	BL
Trichloroethene	96.0	%	5035/8260	29-149	12/11	12/11	BL
Toluene	92.0	%	5035/8260	19-148	12/11	12/11	BL
Chlorobenzene	94.0	%	5035/8260	17-146	12/11	12/11	BL
Dilution Factor	1.0		5035/8260		12/11	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	101	%	5035/8260	52-155	12/11	12/11	BL
Toluene-D8	103	%	5035/8260	46-154	12/11	12/11	BL
4-Bromofluorobenzene	88.0	%	5035/8260	36-138	12/11	12/11	BL

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
 Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
 Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
 FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
 FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
 FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


 Mike Kimmel
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Client #: GCL-03-000016
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Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-52

Sample Description:

L58572-21,22,23
NAS Power House

Analytical Report: B-11, 0' MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
8260 Soil QC							
1,1-Dichloroethene	84.0	%	5035/8260	41-145	12/11	12/11	BL
Benzene	94.0	%	5035/8260	35-146	12/11	12/11	BL
Trichloroethene	92.0	%	5035/8260	29-149	12/11	12/11	BL
Toluene	94.0	%	5035/8260	19-148	12/11	12/11	BL
Chlorobenzene	98.0	%	5035/8260	17-146	12/11	12/11	BL
Dilution Factor	1.0		5035/8260		12/11	12/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	104	%	5035/8260	52-155	12/11	12/11	BL
Toluene-D8	110	%	5035/8260	46-154	12/11	12/11	BL
4-Bromofluorobenzene	94.0	%	5035/8260	36-138	12/11	12/11	BL

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 3
Date: 12/13/2001
Log #: L58572-53

Sample Description:

L58572-1 through 5
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.025	12/10	12/10	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.025	12/10	12/10	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 3
Date: 12/13/2001
Log #: L58572-53

Sample Description:

L58572-1 through 5
 NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.015	12/10	12/10	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0040	12/10	12/10	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0010	12/10	12/10	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.010	12/10	12/10	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0040	12/10	12/10	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of
Date: 12/13/2001
Log #: L58572-53

Sample Description:

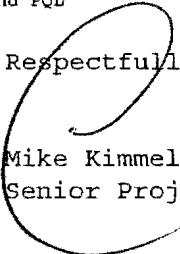
L58572-1 through 5
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.	Date	Analyst
Volatile Organic Compounds (continued)									
Dilution Factor	1.0		5035/8260		12/10	12/10	BL		
Surrogate Recoveries:									
Dibromofluoromethane	101	%	5035/8260	52-155	12/10	12/10	BL		
Toluene-D8	95.0	%	5035/8260	46-154	12/10	12/10	BL		
4-Bromofluorobenzene	96.0	%	5035/8260	36-138	12/10	12/10	BL		

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 3
Date: 12/13/2001
Log #: L58572-54

Sample Description:

L58572-6 through 16,18,19,20
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Limit	Date	Anly.	Analyst
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL	
Acrolein	BDL	mg/kg (dw)	5035/8260	0.025	12/10	12/10	BL	
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.025	12/10	12/10	BL	
Benzene	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL	
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL	
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL	
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL	
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL	
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 3
Date: 12/13/2001
Log #: L58572-54

Sample Description:

L58572-6 through 16,18,19,20
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly. Date	Date	Analyst
Volatile Organic Compounds (continued)								
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.015	12/10	12/10	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.050	12/10	12/10	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0040	12/10	12/10	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0010	12/10	12/10	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/10	12/10	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/10	12/10	BL	
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.010	12/10	12/10	BL	
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0040	12/10	12/10	BL	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 3
Date: 12/13/2001
Log #: L58572-54

Sample Description:

L58572-6 through 16,18,19,20
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
Dilution Factor	1.0		5035/8260		12/10	12/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	95.0	%	5035/8260	52-155	12/10	12/10	BL
Toluene-D8	93.0	%	5035/8260	46-154	12/10	12/10	BL
4-Bromofluorobenzene	86.0	%	5035/8260	36-138	12/10	12/10	BL

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 3
Date: 12/13/2001
Log #: L58572-55

Sample Description:

L58572-17
 NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.025	12/11	12/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.025	12/11	12/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 3
Date: 12/13/2001
Log #: L58572-55

Sample Description:

L58572-17
 NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds	(continued)						
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.015	12/11	12/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.050	12/11	12/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0040	12/11	12/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0010	12/11	12/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	12/11	12/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	12/11	12/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.010	12/11	12/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0040	12/11	12/11	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 3
Date: 12/13/2001
Log #: L58572-55

Sample Description:

L58572-17
NAS Power House

Analytical Report: Method Blank
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anal.	Date	Date	Analyst
Volatile Organic Compounds (continued)								
Dilution Factor	1.0		5035/8260			12/11	12/11	BL
Surrogate Recoveries:								
Dibromofluoromethane	98.0	%	5035/8260	52-155		12/11	12/11	BL
Toluene-D8	95.0	%	5035/8260	46-154		12/11	12/11	BL
4-Bromofluorobenzene	91.0	%	5035/8260	36-138		12/11	12/11	BL

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122, 86109, E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-56

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-4, 0' MS
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly.	Analyst
				Limit	Date		

FLPRO Soil QC

TPH(C8-C40)	62.0	%	FLPRO	63-153	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	88.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriaccontane	110	%	FLPRO	60-118	12/10	12/12	AW

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 1
Date: 12/13/2001
Log #: L58572-57

Sample Description:

L58572-1 through 20
NAS Power House

Analytical Report: B-4, 0' MSD
Date Sampled: 12/05/2001
Time Sampled: 00:00
Date Received: 12/06/2001
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
FLPRO Soil QC							
TPH(C8-C40)	59.0	%	FLPRO	63-153	12/10	12/12	AW
Dilution Factor	1.0		FLPRO		12/10	12/12	AW
Surrogate Recoveries:							
o-Terphenyl	88.0	%	FLPRO	62-109	12/10	12/12	AW
Tritriacontane	93.0	%	FLPRO	60-118	12/10	12/12	AW

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Respectfully submitted,

Mike Kimmel
Senior Project Manager



Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-1

Sample Description:

NAS Powerhouse

Analytical Report: B-13,0'
Date Sampled: 01/10/2002
Time Sampled: 10:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	95	%	SM2540B	0.10	01/11	01/11	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.058	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.029	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.029	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.058	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.058	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-1

Sample Description:

NAS Powerhouse

Analytical Report: B-13,0'
Date Sampled: 01/10/2002
Time Sampled: 10:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anal. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.058	01/11	01/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.058	01/11	01/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.012	01/11	01/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.058	01/11	01/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.058	01/11	01/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0046	01/11	01/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	01/11	01/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-1

Sample Description:

NAS Powerhouse

Analytical Report: B-13,0'
Date Sampled: 01/10/2002
Time Sampled: 10:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0058	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0046	01/11	01/11	BL
Dilution Factor	1.1		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	123	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	119	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	96.0	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-1

Sample Description:

NAS Powerhouse

Analytical Report: B-13,0'
Date Sampled: 01/10/2002
Time Sampled: 10:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	01/15	01/15	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Fluoranthene	0.12	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	01/15	01/15	KK
Pyrene	0.11	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.71	01/15	01/15	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.35	01/15	01/15	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-1

Sample Description:

NAS Powerhouse

Analytical Report: B-13, 0'
Date Sampled: 01/10/2002
Time Sampled: 10:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	78.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	84.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	84.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	83.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	90.0	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	113	%	3550/8270	37-143	01/15	01/15	KK
Metals							
Arsenic	1.3	mg/kg (dw)	3050/6010	0.53	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	01/15	01/16	SB
Chromium	5.5	mg/kg (dw)	3050/6010	1.1	01/15	01/16	SB
Lead	19	mg/kg (dw)	3050/6010	1.1	01/15	01/16	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
Dilution Factor	1.0		3550/8082		01/13	01/15	RR
Surrogate Recoveries:							
TCMX	118	%	3550/8082	48-126	01/13	01/15	RR
Decachlorobiphenyl	135	%	3550/8082	47-159	01/13	01/15	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	17	mg/kg (dw)	FLPRO	5.3	01/15	01/15	AW
Dilution Factor	1.0		FLPRO		01/15	01/15	AW
Surrogate Recoveries:							
o-Terphenyl	91.0	%	FLPRO	62-109	01/15	01/15	AW
Tritriacontane	75.0	%	FLPRO	60-118	01/15	01/15	AW

General Chemistry

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-1

Sample Description:

NAS Powerhouse

Analytical Report: B-13,0'
Date Sampled: 01/10/2002
Time Sampled: 10:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
General Chemistry (continued)							
pH	8.67	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	93.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	115	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-1

Sample Description:

NAS Powerhouse

Analytical Report: B-13, 0'
Date Sampled: 01/10/2002
Time Sampled: 10:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-2

Sample Description:

NAS Powerhouse

Analytical Report: B-13, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 10:35
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Percent Solids							
Percent Solid	98	%	SM2540B	0.10	01/11	01/11	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.066	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.033	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.033	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.066	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.066	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-2

Sample Description:

NAS Powerhouse

Analytical Report: B-13,1.5'
Date Sampled: 01/10/2002
Time Sampled: 10:35
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.066	01/11	01/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.066	01/11	01/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.013	01/11	01/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.066	01/11	01/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.066	01/11	01/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0053	01/11	01/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	01/11	01/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-2

Sample Description:

NAS Powerhouse

Analytical Report: B-13, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 10:35
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0066	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0053	01/11	01/11	BL
Dilution Factor	1.3		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	125	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	122	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	101	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-2

Sample Description:

NAS Powerhouse

Analytical Report: B-13,1.5'
Date Sampled: 01/10/2002
Time Sampled: 10:35
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.	Date	Analyst
Semivolatile Organic Compounds (continued)									
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK		
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK		
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK		
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK		
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK		
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK		
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK		
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK		
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK		
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK		
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Phenanthrene	0.10	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Fluoranthene	0.18	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	01/15	01/15	KK		
Pyrene	0.15	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Benzo[a]anthracene	0.10	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.68	01/15	01/15	KK		
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK		
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Benzo[b]fluoranthene	0.12	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK		

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-2

Sample Description:

NAS Powerhouse

Analytical Report: B-13, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 10:35
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Extr.	Anly. Date	Date	Analyst
Semivolatile Organic Compounds								
		(continued)						
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Dilution Factor	1.0		3550/8270			01/15	01/15	KK
Surrogate Recoveries:								
2-Fluorophenol	84.0	%	3550/8270	29-109		01/15	01/15	KK
Phenol-d5	88.0	%	3550/8270	30-109		01/15	01/15	KK
Nitrobenzene-d5	89.0	%	3550/8270	15-121		01/15	01/15	KK
2-Fluorobiphenyl	88.0	%	3550/8270	42-111		01/15	01/15	KK
2,4,6-Tribromophenol	89.0	%	3550/8270	47-124		01/15	01/15	KK
Terphenyl-d14	110	%	3550/8270	37-143		01/15	01/15	KK
Metals								
Arsenic	0.61	mg/kg (dw)	3050/6010	0.51		01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0		01/15	01/16	SB
Chromium	2.6	mg/kg (dw)	3050/6010	1.0		01/15	01/16	SB
Lead	21	mg/kg (dw)	3050/6010	1.0		01/15	01/16	SB
Polychlorinated Biphenyls								
PCB 1016	BDL	ug/kg (dw)	3550/8082	17		01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	17		01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	17		01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	17		01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	17		01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	17		01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	17		01/13	01/15	RR
Dilution Factor	1.0		3550/8082			01/13	01/15	RR
Surrogate Recoveries:								
TCMX	133	%	3550/8082	48-126		01/13	01/15	RR
Decachlorobiphenyl	114	%	3550/8082	47-159		01/13	01/15	RR
Florida Petroleum Range Organics								
TPH(C8-C40)	16	mg/kg (dw)	FLPRO	5.1		01/15	01/16	AW
Dilution Factor	1.0		FLPRO			01/15	01/16	AW
Surrogate Recoveries:								
o-Terphenyl	91.0	%	FLPRO	62-109		01/15	01/16	AW
Tritriacontane	82.0	%	FLPRO	60-118		01/15	01/16	AW

General Chemistry

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-2

Sample Description:

NAS Powerhouse

Analytical Report: B-13,1.5'
Date Sampled: 01/10/2002
Time Sampled: 10:35
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
General Chemistry (continued)							
pH	9.04	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	17	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	82.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	88.0	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-2

Sample Description:

NAS Powerhouse

Analytical Report: B-13,1.5'
Date Sampled: 01/10/2002
Time Sampled: 10:35
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Analyst
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-3

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Percent Solids								
Percent Solid	96	%	SM2540B	0.10		01/11	01/11	KB
Volatile Organic Compounds								
Acetone	BDL	mg/kg (dw)	5035/8260	0.063		01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.031		01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.031		01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025		01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025		01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063		01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063		01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025		01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025		01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063		01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-3

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	01/11	01/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	01/11	01/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.013	01/11	01/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	01/11	01/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	01/11	01/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	01/11	01/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-3

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Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Dilution Factor	1.2		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	134	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	129	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	109	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 . 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-3

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:00
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Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds		(continued)								
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34		01/15	01/15	KK		
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34		01/15	01/15	KK		
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK		
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK		
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK		
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34		01/15	01/15	KK		
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK		
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK		
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK		
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK		
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8		01/15	01/15	KK		
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.70		01/15	01/15	KK		
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.34		01/15	01/15	KK		
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK		

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-3

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	76.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	82.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	84.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	86.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	95.0	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	101	%	3550/8270	37-143	01/15	01/15	KK
Metals							
Arsenic	0.80	mg/kg (dw)	3050/6010	0.52	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Chromium	3.5	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Lead	30	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
Dilution Factor	1.0		3550/8082		01/13	01/15	RR
Surrogate Recoveries:							
TCMX	102	%	3550/8082	48-126	01/13	01/15	RR
Decachlorobiphenyl	110	%	3550/8082	47-159	01/13	01/15	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	8.4	mg/kg (dw)	FLPRO	5.2	01/15	01/16	AW
Dilution Factor	1.0		FLPRO		01/15	01/16	AW
Surrogate Recoveries:							
o-Terphenyl	75.0	%	FLPRO	62-109	01/15	01/16	AW
Tritriacontane	65.0	%	FLPRO	60-118	01/15	01/16	AW

General Chemistry

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-3

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NAS Powerhouse

Analytical Report: B-14, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:00
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Collected By: Client

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General Chemistry (continued)							
pH	8.11	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Dieledrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	71.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	80.0	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
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Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-3

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NAS Powerhouse

Analytical Report: B-14, 0'
Date Sampled: 01/10/2002
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-4

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:10
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Anly. Date	Date	Analyst
Percent Solids							
Percent Solid	97	%	SM2540B	0.10	01/11	01/11	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.089	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.031	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.031	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-4

Sample Description:

NAS Powerhouse

Analytical Report: B-14,1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:10
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)								
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.012	01/11	01/11	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0049	01/11	01/11	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	01/11	01/11	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-4

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:10
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0049	01/11	01/11	BL
Dilution Factor	1.2		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	118	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	114	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	95.0	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-4

Sample Description:

NAS Powerhouse

Analytical Report: B-14,1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:10
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	01/15	01/15	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.69	01/15	01/15	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-4

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:10
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	73.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	79.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	83.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	86.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	84.0	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	110	%	3550/8270	37-143	01/15	01/15	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.52	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Chromium	1.5	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Lead	21	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
Dilution Factor	1.0		3550/8082		01/13	01/15	RR
Surrogate Recoveries:							
TCMX	82.0	%	3550/8082	48-126	01/13	01/15	RR
Decachlorobiphenyl	95.0	%	3550/8082	47-159	01/13	01/15	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	7.3	mg/kg (dw)	FLPRO	5.2	01/15	01/16	AW
Dilution Factor	1.0		FLPRO		01/15	01/16	AW
Surrogate Recoveries:							
o-Terphenyl	90.0	%	FLPRO	62-109	01/15	01/16	AW
Tritriacontane	78.0	%	FLPRO	60-118	01/15	01/16	AW

General Chemistry

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-4

Sample Description:

NAS Powerhouse

Analytical Report: B-14,1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:10
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Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
General Chemistry (continued)							
pH	8.03	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	61.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	74.0	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-4

Sample Description:

NAS Powerhouse

Analytical Report: B-14, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:10
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-5

Sample Description:

NAS Powerhouse

Analytical Report: B-15,0'
Date Sampled: 01/10/2002
Time Sampled: 11:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	96	%	SM2540B	0.10	01/11	01/11	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.094	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.026	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.026	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.052	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.052	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-5

Sample Description:

NAS Powerhouse

Analytical Report: B-15,0'
Date Sampled: 01/10/2002
Time Sampled: 11:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.052	01/11	01/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.052	01/11	01/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.010	01/11	01/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.052	01/11	01/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.052	01/11	01/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0042	01/11	01/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0010	01/11	01/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0021	01/11	01/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-5

Sample Description:

NAS Powerhouse

Analytical Report: B-15,0'
Date Sampled: 01/10/2002
Time Sampled: 11:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0052	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.010	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0042	01/11	01/11	BL
Dilution Factor	1.0		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	115	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	110	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	86.0	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-5

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	01/15	01/15	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.70	01/15	01/15	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-5

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
Indeno[1, 2, 3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	87.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	89.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	89.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	92.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	92.0	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	94.0	%	3550/8270	37-143	01/15	01/15	KK
Metals							
Arsenic	0.86	mg/kg (dw)	3050/6010	0.52	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Chromium	3.2	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Lead	26	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
Dilution Factor	1.0		3550/8082		01/13	01/15	RR
Surrogate Recoveries:							
TCMX	104	%	3550/8082	48-126	01/13	01/15	RR
Decachlorobiphenyl	114	%	3550/8082	47-159	01/13	01/15	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	13	mg/kg (dw)	FLPRO	5.2	01/15	01/16	AW
Dilution Factor	1.0		FLPRO		01/15	01/16	AW
Surrogate Recoveries:							
o-Terphenyl	86.0	%	FLPRO	62-109	01/15	01/16	AW
Tritriaccontane	83.0	%	FLPRO	60-118	01/15	01/16	AW

General Chemistry

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-5

Sample Description:

NAS Powerhouse

Analytical Report: B-15,0'
Date Sampled: 01/10/2002
Time Sampled: 11:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
General Chemistry (continued)							
pH	9.00	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Dieledrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	82.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	86.0	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-5

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 0'
Date Sampled: 01/10/2002
Time Sampled: 11:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly.
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-6

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:40
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	97	%	SM2540B	0.10	01/11	01/11	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.031	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.031	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
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 Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-6

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:40
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Volatile Organic Compounds (continued)								
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.012	01/11	01/11	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.062	01/11	01/11	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0049	01/11	01/11	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	01/11	01/11	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	01/11	01/11	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-6

Sample Description:

NAS Powerhouse

Analytical Report: B-15,1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:40
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0049	01/11	01/11	BL
Dilution Factor	1.2		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	113	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	109	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	87.0	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-6

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:40
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Semivolatile Organic Compounds (continued)							
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	01/15	01/15	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.69	01/15	01/15	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
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 Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-6

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:40
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.		
				Limit	Date	Date	Analyst

Semivolatile Organic Compounds

(continued)

Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK

Surrogate Recoveries:

2-Fluorophenol	80.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	84.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	84.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	87.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	91.0	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	92.0	%	3550/8270	37-143	01/15	01/15	KK

Metals

Arsenic	0.64	mg/kg (dw)	3050/6010	0.52	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Chromium	2.4	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Lead	20	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB

Polychlorinated Biphenyls

PCB 1016	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
Dilution Factor	1.0		3550/8082		01/13	01/15	RR

Surrogate Recoveries:

TCMX	92.0	%	3550/8082	48-126	01/13	01/15	RR
Decachlorobiphenyl	99.0	%	3550/8082	47-159	01/13	01/15	RR

Florida Petroleum Range Organics

TPH(C8-C40)	23	mg/kg (dw)	FLPRO	5.2	01/15	01/16	AW
Dilution Factor	1.0		FLPRO		01/15	01/16	AW

Surrogate Recoveries:

o-Terphenyl	94.0	%	FLPRO	62-109	01/15	01/16	AW
Tritriacontane	80.0	%	FLPRO	60-118	01/15	01/16	AW

General Chemistry

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-6

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:40
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anlyst
General Chemistry (continued)							
pH	8.90	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	68.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	81.0	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-6

Sample Description:

NAS Powerhouse

Analytical Report: B-15, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 11:40
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.
				Limit	Date Analyst

Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-7

Sample Description:

NAS Powerhouse

Analytical Report: B-16, 0'
Date Sampled: 01/10/2002
Time Sampled: 12:15
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Percent Solids							
Percent Solid	96	%	SM2540B	0.10	01/11	01/11	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.068	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.034	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.034	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.068	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.068	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-7

Sample Description:

NAS Powerhouse

Analytical Report: B-16,0'
Date Sampled: 01/10/2002
Time Sampled: 12:15
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.068	01/11	01/11	BL
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.068	01/11	01/11	BL
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.014	01/11	01/11	BL
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.068	01/11	01/11	BL
MTBE	BDL	mg/kg (dw)	5035/8260	0.068	01/11	01/11	BL
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0054	01/11	01/11	BL
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Styrene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0014	01/11	01/11	BL
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Toluene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0027	01/11	01/11	BL
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-7

Sample Description:

NAS Powerhouse

Analytical Report: B-16, 0'
Date Sampled: 01/10/2002
Time Sampled: 12:15
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0068	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.014	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0054	01/11	01/11	BL
Dilution Factor	1.3		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	110	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	96.0	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	71.0	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-7

Sample Description:

NAS Powerhouse

Analytical Report: B-16,0'
Date Sampled: 01/10/2002
Time Sampled: 12:15
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
	(continued)						
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	01/15	01/15	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.70	01/15	01/15	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-7

Sample Description:

NAS Powerhouse

Analytical Report: B-16, 0'
Date Sampled: 01/10/2002
Time Sampled: 12:15
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	61.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	71.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	69.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	74.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	78.0	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	91.0	%	3550/8270	37-143	01/15	01/15	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.52	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Chromium	3.2	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Lead	13	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
Dilution Factor	1.0		3550/8082		01/13	01/15	RR
Surrogate Recoveries:							
TCMX	109	%	3550/8082	48-126	01/13	01/15	RR
Decachlorobiphenyl	108	%	3550/8082	47-159	01/13	01/15	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	230	mg/kg (dw)	FLPRO	5.2	01/15	01/16	AW
Dilution Factor	1.0		FLPRO		01/15	01/16	AW
Surrogate Recoveries:							
o-Terphenyl	92.0	%	FLPRO	62-109	01/15	01/16	AW
Tritriacontane	64.0	%	FLPRO	60-118	01/15	01/16	AW

General Chemistry

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-7

Sample Description:

NAS Powerhouse

Analytical Report: B-16, 0'
Date Sampled: 01/10/2002
Time Sampled: 12:15
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
General Chemistry (continued)							
pH	8.48	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	68.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	62.0	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-7

Sample Description:

NAS Powerhouse

Analytical Report: B-16,0'
Date Sampled: 01/10/2002
Time Sampled: 12:15
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 7
Date: 01/18/2002
Log #: L59484-8

Sample Description:

NAS Powerhouse

Analytical Report: B-16,1.5'
Date Sampled: 01/10/2002
Time Sampled: 12:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	96	%	SM2540B	0.10	01/11	01/11	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.057	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.029	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.029	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.057	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.057	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 7
Date: 01/18/2002
Log #: L59484-8

Sample Description:

NAS Powerhouse

Analytical Report: B-16,1.5'
Date Sampled: 01/10/2002
Time Sampled: 12:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst	
Volatile Organic Compounds		(continued)						
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.057	01/11	01/11	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.057	01/11	01/11	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.011	01/11	01/11	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.057	01/11	01/11	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.057	01/11	01/11	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0046	01/11	01/11	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	01/11	01/11	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	01/11	01/11	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 7
Date: 01/18/2002
Log #: L59484-8

Sample Description:

NAS Powerhouse

Analytical Report: B-16, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 12:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Limit	Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0046	01/11	01/11	BL
Dilution Factor	1.1		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	129	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	121	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	88.0	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 7
Date: 01/18/2002
Log #: L59484-8

Sample Description:

NAS Powerhouse

Analytical Report: B-16, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 12:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst	
Semivolatile Organic Compounds		(continued)						
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK	
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK	
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK	
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK	
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK	
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK	
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK	
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK	
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK	
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK	
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Benzidine	BDL	mg/kg (dw)	3550/8270	2.8	01/15	01/15	KK	
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.70	01/15	01/15	KK	
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.34	01/15	01/15	KK	
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK	

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 5 of 7
Date: 01/18/2002
Log #: L59484-8

Sample Description:

NAS Powerhouse

Analytical Report: B-16,1.5'
Date Sampled: 01/10/2002
Time Sampled: 12:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
		(continued)					
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	83.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	88.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	89.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	86.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	104	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	100	%	3550/8270	37-143	01/15	01/15	KK
Metals							
Arsenic	0.90	mg/kg (dw)	3050/6010	0.52	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Chromium	3.0	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Lead	5.7	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	18	01/13	01/15	RR
Dilution Factor	1.0		3550/8082		01/13	01/15	RR
Surrogate Recoveries:							
TCMX	118	%	3550/8082	48-126	01/13	01/15	RR
Decachlorobiphenyl	122	%	3550/8082	47-159	01/13	01/15	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	34	mg/kg (dw)	FLPRO	5.2	01/15	01/16	AW
Dilution Factor	1.0		FLPRO		01/15	01/16	AW
Surrogate Recoveries:							
o-Terphenyl	101	%	FLPRO	62-109	01/15	01/16	AW
Tritriaccontane	63.0	%	FLPRO	60-118	01/15	01/16	AW
General Chemistry							

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 6 of 7
Date: 01/18/2002
Log #: L59484-8

Sample Description:

NAS Powerhouse

Analytical Report: B-16, 1.5'
Date Sampled: 01/10/2002
Time Sampled: 12:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
General Chemistry (continued)							
pH	8.28	pH Units	9045	0.10	01/15	01/15	MA
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/13	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/13	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	76.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	72.0	%	3550/8081	47-159	01/13	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 7 of 7
Date: 01/18/2002
Log #: L59484-8

Sample Description:

NAS Powerhouse

Analytical Report: B-16,1.5'
Date Sampled: 01/10/2002
Time Sampled: 12:25
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; E-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 2
Date: 01/18/2002
Log #: L59484-9

Sample Description:

NAS Powerhouse

Analytical Report: B-14,S
Date Sampled: 01/10/2002
Time Sampled: 15:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	96	%	SM2540B	0.10	01/11	01/11	KB
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/16	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.4	01/16	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/16	01/16	TB
Dilution Factor	1.0		3550/8081		01/16	01/16	TB
Surrogate Recoveries:							
TCMX	54.0	%	3550/8081	48-126	01/16	01/16	TB
DCB	74.0	%	3550/8081	47-159	01/16	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 01/18/2002
Log #: L59484-9

Sample Description:

NAS Powerhouse

Analytical Report: B-14,S
Date Sampled: 01/10/2002
Time Sampled: 15:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Analyst	Reportable Extr.	Anly.
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 2
Date: 01/18/2002
Log #: L59484-10

Sample Description:

NAS Powerhouse

Analytical Report: B-15,S
Date Sampled: 01/10/2002
Time Sampled: 15:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Anly. Analyst
Percent Solids							
Percent Solid	93	%	SM2540B	0.10	01/11	01/11	KB
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.8	01/16	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	18	01/16	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.5	01/16	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	110	01/16	01/16	TB
Dilution Factor	1.0		3550/8081		01/16	01/16	TB
Surrogate Recoveries:							
TCMX	54.0	%	3550/8081	48-126	01/16	01/16	TB
DCB	58.0	%	3550/8081	47-159	01/16	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 01/18/2002
Log #: L59484-10

Sample Description:

NAS Powerhouse

Analytical Report: B-15,S
Date Sampled: 01/10/2002
Time Sampled: 15:30
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NPL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Submission Code:

Orders:

Entered to lims:

*** RUSH ***
Chain of Custody Record

FDEP Facility No.

Page 1 Of 1

Sampling CompQAP No. 880374

Approval Date 9-2000

Company Name P.S.I.

Address 1985 COPE LANE

PENSACOLA, FL 32526

Attn: JEREMY JERNIGAN Phone#

Project Name / Location NAS POWERHOUSE

Project Number

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code	# of Cont
1	B-13, 0'	1/10/02	1025	50	5
2	B-13, 1.5'		1035		5
3	B-14, 0'		1100		5
4	B-14, 1.5'		1110		5
5	B-15, 0'		1130		5
6	B-15, 1.5'		1140		5
7	B-16, 0'		1215		5
8	B-16, 1.5'		1225		5
9	B-14, S		1500	0	1
0	B-15, S		1530	0	1

Short Hold
No

Total # of Containers: 42

Sampler Name/Signature

Jeremy Jernigan / John

QA / QC Report Level

1 — 2 — 3 — Other

Gulf Coast LabNet, Inc.

6389 Spanish Fort Blvd. Suite D

Spanish Fort, AL 36527

(334) 625-1331

Rush

Custody Seals	Temp Control	Local Job
○ N	1°C	Y ○

Date Requested

LAB ANALYSIS

Pres. Codes

H H H

Parameters

S260, S270, FL PRO
AS Cd Cr Pb
USED Oil Grease
pH LAB
CHORINATED PCB'S
(8081-82)

Pres. Codes

SOIL

Pesticide SOIL SW

SOIL

CUSTODY SEALS Y/N

PH CONTROL

SOIL

P

P

P

P

P

P

P

COCON

Y/N

16B

Misc Solid

Matrix Codes

SD	Solid Waste	OL	Oil
G W	Ground Water	SL	Sludge
EFF	Effluent	SO	Soil Sed
A FW	Analyte Free H ₂ O	AQ	Aqueous
W W	Waste Water	NA	Nonaqueous
D W	Drinking Water	PE	Petroleum
SU	Surface Water	O	Other

Pres. Codes

A - None	E - HCl
B - HNO ₃	F - MeCH ₃
C - H ₂ SO ₄	I - I ₂
D - NaOH	O - Other

REMARKS

USED O/I
Group =
S260, S270
FL - PRO
As, Cd, Cr, P
RUSH-Fav
Results 1/15
Del. to VCE

Yes	Relinquished by	Date	Time	Received by	Date	Time
	Rush	1/10/02	1200	Dawn Hulm	1/10/02	12
	Rush	1/10/02	1230	Federick DH	1/10/02	17
	Rush			Kayla Bon	1/11/02	12

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 6
Date: 01/18/2002
Log #: L59484-11

Sample Description:

L59484-1 through 8
 NAS Powerhouse

Analytical Report: Method Blank
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.		
				Limit	Date	Date	Analyst
Percent Solids							
Percent Solid	100	%	SM2540B	0.10	01/12	01/12	KB
Volatile Organic Compounds							
Acetone	BDL	mg/kg (dw)	5035/8260	0.050	01/11	01/11	BL
Acrolein	BDL	mg/kg (dw)	5035/8260	0.025	01/11	01/11	BL
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.025	01/11	01/11	BL
Benzene	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.050	01/11	01/11	BL
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.050	01/11	01/11	BL
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL
1,2-Dibromo-3-Chloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL

Client #: GCL-03-000016
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 1985 Cope Lane
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Page: Page 2 of 6
 Date: 01/18/2002
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Sample Description:

L59484-1 through 8
NAS Powerhouse

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 Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.	Analyst
Volatile Organic Compounds (continued)								
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.050	01/11	01/11	BL	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.050	01/11	01/11	BL	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.010	01/11	01/11	BL	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.050	01/11	01/11	BL	
MTBE	BDL	mg/kg (dw)	5035/8260	0.050	01/11	01/11	BL	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0040	01/11	01/11	BL	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0010	01/11	01/11	BL	
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
Toluene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0020	01/11	01/11	BL	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL	

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 3 of 6
Date: 01/18/2002
Log #: L59484-11

Sample Description:

L59484-1 through 8
 NAS Powerhouse

Analytical Report: Method Blank
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Volatile Organic Compounds (continued)							
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0050	01/11	01/11	BL
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.010	01/11	01/11	BL
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0040	01/11	01/11	BL
Dilution Factor	1.0		5035/8260		01/11	01/11	BL
Surrogate Recoveries:							
Dibromofluoromethane	118	%	5035/8260	52-155	01/11	01/11	BL
Toluene-D8	118	%	5035/8260	46-154	01/11	01/11	BL
4-Bromofluorobenzene	103	%	5035/8260	36-138	01/11	01/11	BL
Semivolatile Organic Compounds							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Aniline	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
Phenol	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
Bis(2-Chloroisopropyl) Ether	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
N-Nitrosodi-n-propylamine	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Isophorone	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
Bis(2-Chloroethoxy)methane	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.0	01/15	01/15	KK
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.33	01/15	01/15	KK
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Hexachlorocyclopentadiene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 4 of 6
Date: 01/18/2002
Log #: L59484-11

Sample Description:

L59484-1 through 8
 NAS Powerhouse

Analytical Report: Method Blank
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Semivolatile Organic Compounds (continued)								
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33		01/15	01/15	KK
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.33		01/15	01/15	KK
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.33		01/15	01/15	KK
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Fluorene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
4-Chlorophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK
4,6-Dinitro-2-Methylphenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
4-Bromophenyl-phenylether	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.0		01/15	01/15	KK
Anthracene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Carbazole	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Benzidine	BDL	mg/kg (dw)	3550/8270	2.7		01/15	01/15	KK
Pyrene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.67		01/15	01/15	KK
Chrysene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.33		01/15	01/15	KK
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.10		01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 5 of 6
Date: 01/18/2002
Log #: L59484-11

Sample Description:

L59484-1 through 8
 NAS Powerhouse

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Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Semivolatile Organic Compounds							
		(continued)					
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.10	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	81.0	%	3550/8270	29-109	01/15	01/15	KK
Phenol-d5	80.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	82.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	87.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	89.0	%	3550/8270	47-124	01/15	01/15	KK
Terphenyl-d14	92.0	%	3550/8270	37-143	01/15	01/15	KK
Metals							
Arsenic	BDL	mg/kg (dw)	3050/6010	0.50	01/15	01/16	SB
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Chromium	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Lead	BDL	mg/kg (dw)	3050/6010	1.0	01/15	01/16	SB
Polychlorinated Biphenyls							
PCB 1016	BDL	ug/kg (dw)	3550/8082	17	01/13	01/14	RR
PCB 1221	BDL	ug/kg (dw)	3550/8082	17	01/13	01/14	RR
PCB 1232	BDL	ug/kg (dw)	3550/8082	17	01/13	01/14	RR
PCB 1242	BDL	ug/kg (dw)	3550/8082	17	01/13	01/14	RR
PCB 1248	BDL	ug/kg (dw)	3550/8082	17	01/13	01/14	RR
PCB 1254	BDL	ug/kg (dw)	3550/8082	17	01/13	01/14	RR
PCB 1260	BDL	ug/kg (dw)	3550/8082	17	01/13	01/14	RR
Dilution Factor	1.0		3550/8082		01/13	01/14	RR
Surrogate Recoveries:							
TCMX	80.0	%	3550/8082	48-126	01/13	01/14	RR
Decachlorobiphenyl	102	%	3550/8082	47-159	01/13	01/14	RR
Florida Petroleum Range Organics							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.0	01/15	01/15	AW
Dilution Factor	1.0		FLPRO		01/15	01/15	AW
Surrogate Recoveries:							
o-Terphenyl	89.0	%	FLPRO	62-109	01/15	01/15	AW
Tritriaccontane	83.0	%	FLPRO	60-118	01/15	01/15	AW
Organochlorine Pesticides							

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Page: Page 6 of 6
Date: 01/18/2002
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Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
Organochlorine Pesticides (continued)								
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.7		01/13	01/15	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	17		01/13	01/15	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.3		01/13	01/15	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100		01/13	01/15	TB
Dilution Factor	1.0		3550/8081			01/13	01/15	TB
Surrogate Recoveries:								
TCMX	64.0	%	3550/8081	48-126		01/13	01/15	TB
DCB	98.0	%	3550/8081	47-159		01/13	01/15	TB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 2
Date: 01/18/2002
Log #: L59484-12

Sample Description:

L59484-9,10
NAS Powerhouse

Analytical Report: Method Blank
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	100	%	SM2540B	0.10	01/12	01/12	KB
Organochlorine Pesticides							
alpha-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
beta-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
delta-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
Heptachlor Epoxide	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
gamma-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
alpha-Chlordane	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
Endosulfan I	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
4,4'-DDE	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.7	01/16	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
4,4'-DDD	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
Endosulfan II	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
Endrin Aldehyde	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
Endosulfan Sulfate	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
Methoxychlor	BDL	ug/kg (dw)	3550/8081	17	01/16	01/16	TB
Endrin Ketone	BDL	ug/kg (dw)	3550/8081	3.3	01/16	01/16	TB
Toxaphene	BDL	ug/kg (dw)	3550/8081	100	01/16	01/16	TB
Dilution Factor	1.0		3550/8081		01/16	01/16	TB
Surrogate Recoveries:							
TCMX	68.0	%	3550/8081	48-126	01/16	01/16	TB
DCB	90.0	%	3550/8081	47-159	01/16	01/16	TB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 01/18/2002
Log #: L59484-12

Sample Description:

L59484-9,10
NAS Powerhouse

Analytical Report: Method Blank
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
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Organochlorine Pesticides (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

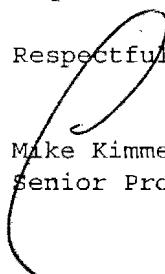
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 3
Date: 01/18/2002
Log #: L59484-13

Sample Description:

L59484-1 through 8
 NAS Powerhouse

Analytical Report: LCS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
8260 Soil QC							
1,1-Dichloroethene	80.0	%	5030/8260	41-145	01/10	01/10	BL
Benzene	96.0	%	5030/8260	35-146	01/10	01/10	BL
Trichloroethene	96.0	%	5030/8260	29-149	01/10	01/10	BL
Toluene	96.0	%	5030/8260	19-148	01/10	01/10	BL
Chlorobenzene	98.0	%	5030/8260	17-146	01/10	01/10	BL
Dilution Factor	1.0		5030/8260		01/10	01/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	100	%	5030/8260	52-155	01/10	01/10	BL
Toluene-D8	91.0	%	5030/8260	46-154	01/10	01/10	BL
4-Bromofluorobenzene	76.0	%	5030/8260	36-138	01/10	01/10	BL
8081 Soil QC							
gamma-BHC	95.0	%	3550/8081	28-158	01/15	01/15	TB
Heptachlor	91.0	%	3550/8081	26-167	01/15	01/15	TB
Aldrin	96.0	%	3550/8081	22-147	01/15	01/15	TB
Dieldrin	100	%	3550/8081	10-177	01/15	01/15	TB
Endrin	0.00	%	3550/8081	15-194	01/15	01/15	TB
4,4'-DDT	119	%	3550/8081	10-192	01/15	01/15	TB
Dilution Factor	1.0		3550/8081		01/15	01/15	TB
Surrogate Recoveries:							
TCMX	64.0	%	3550/8081	48-126	01/15	01/15	TB
DCB	91.0	%	3550/8081	47-159	01/15	01/15	TB
FLPRO Soil QC							
TPH(C8-C40)	85.0	%	FLPRO	63-153	01/15	01/15	AW
Dilution Factor	1.0		FLPRO		01/15	01/15	AW
Surrogate Recoveries:							
o-Terphenyl	84.0	%	FLPRO	62-109	01/15	01/15	AW
Tritriacontane	75.0	%	FLPRO	60-118	01/15	01/15	AW

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 2 of 3
Date: 01/18/2002
Log #: L59484-13

Sample Description:

L59484-1 through 8
 NAS Powerhouse

Analytical Report: LCS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly. Date	Analyst
				Limit	Date		
PCB Soil QC							
PCB 1016	135	%	3550/8082	33-147	01/14	01/14	RR
PCB 1260	157	%	3550/8082	18-159	01/14	01/14	RR
Dilution Factor	1.0		3550/8082		01/14	01/14	RR
Surrogate Recoveries:							
TCMX	88.0	%	3550/8082	48-126	01/14	01/14	RR
Decachlorobiphenyl	108	%	3550/8082	47-159	01/14	01/14	RR
8270 Soil QC							
Phenol	84.0	%	3550/8270	35-114	01/15	01/15	KK
2-Chlorophenol	86.0	%	3550/8270	34-113	01/15	01/15	KK
1,4-Dichlorobenzene	81.0	%	3550/8270	31-100	01/15	01/15	KK
N-Nitrosodi-n-propylamine	76.0	%	3550/8270	26-118	01/15	01/15	KK
1,2,4-Trichlorobenzene	86.0	%	3550/8270	21-125	01/15	01/15	KK
4-Chloro-3-Methylphenol	87.0	%	3550/8270	21-148	01/15	01/15	KK
Acenaphthene	88.0	%	3550/8270	40-117	01/15	01/15	KK
2,4-Dinitrotoluene	78.0	%	3550/8270	30-116	01/15	01/15	KK
4-Nitrophenol	55.0	%	3550/8270	10-127	01/15	01/15	KK
Pentachlorophenol	75.0	%	3550/8270	24-136	01/15	01/15	KK
Di-N-Butylphthalate	90.0	%	3550/8270	26-136	01/15	01/15	KK
Pyrene	94.0	%	3550/8270	24-150	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	89.0	%	3550/8270	29-129	01/15	01/15	KK
Phenol-d5	94.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	97.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	102	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	99.0	%	3550/8270	47-123	01/15	01/15	KK
Terphenyl-d14	119	%	3550/8270	37-143	01/15	01/15	KK
Metals Soil QC							
Arsenic	84.3	%	3050/6010	80-120	01/15	01/16	SB
Cadmium	87.4	%	3050/6010	80-120	01/15	01/16	SB
Chromium	92.5	%	3050/6010	80-120	01/15	01/16	SB
Lead	89.8	%	3050/6010	80-120	01/15	01/16	SB

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 3 of 3
Date: 01/18/2002
Log #: L59484-13

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: LCS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.
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Metals Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-14

Sample Description:

L59484-9,10
NAS Powerhouse

Analytical Report: LCS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
				Limit				
8081 Soil QC								
gamma-BHC	108	%	3550/8081	28-158	01/16	01/16	TB	
Heptachlor	71.0	%	3550/8081	26-167	01/16	01/16	TB	
Aldrin	77.0	%	3550/8081	22-147	01/16	01/16	TB	
Dieldrin	91.0	%	3550/8081	10-177	01/16	01/16	TB	
Endrin	85.0	%	3550/8081	15-194	01/16	01/16	TB	
4,4'-DDT	74.0	%	3550/8081	10-192	01/16	01/16	TB	
Dilution Factor	1.0		3550/8081		01/16	01/16	TB	
Surrogate Recoveries:								
TCMX	51.0	%	3550/8081	48-126	01/16	01/16	TB	
DCB	75.0	%	3550/8081	47-159	01/16	01/16	TB	

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-15

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: Duplicate
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
General Chemistry							
pH	7.89	pH Units	9045	0.10	01/15	01/15	MA

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 2
Date: 01/18/2002
Log #: L59484-16

Sample Description:

L59484-1 through 8
 NAS Powerhouse

Analytical Report: L59484-1 MS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
PCB Soil QC							
PCB 1016	N/A	%	3550/8082	33-147	01/14	01/14	RR
PCB 1260	N/A	%	3550/8082	18-159	01/14	01/14	RR
Dilution Factor	1.0		3550/8082		01/14	01/14	RR
Surrogate Recoveries:							
TCMX	132	%	3550/8082	48-126	01/14	01/14	RR
Decachlorobiphenyl	118	%	3550/8082	47-159	01/14	01/14	RR
8270 Soil QC							
Phenol	79.0	%	3550/8270	35-114	01/15	01/15	KK
2-Chlorophenol	80.0	%	3550/8270	34-113	01/15	01/15	KK
1,4-Dichlorobenzene	72.0	%	3550/8270	31-100	01/15	01/15	KK
N-Nitrosodi-n-propylamine	70.0	%	3550/8270	26-118	01/15	01/15	KK
1,2,4-Trichlorobenzene	76.0	%	3550/8270	21-125	01/15	01/15	KK
4-Chloro-3-Methylphenol	82.0	%	3550/8270	21-148	01/15	01/15	KK
Acenaphthene	81.0	%	3550/8270	40-117	01/15	01/15	KK
2,4-Dinitrotoluene	79.0	%	3550/8270	30-116	01/15	01/15	KK
4-Nitrophenol	72.0	%	3550/8270	10-127	01/15	01/15	KK
Pentachlorophenol	81.0	%	3550/8270	24-136	01/15	01/15	KK
Di-N-Butylphthalate	98.0	%	3550/8270	26-136	01/15	01/15	KK
Pyrene	83.0	%	3550/8270	24-150	01/15	01/15	KK
Dilution Factor	1.0		3550/8270		01/15	01/15	KK
Surrogate Recoveries:							
2-Fluorophenol	77.0	%	3550/8270	29-129	01/15	01/15	KK
Phenol-d5	82.0	%	3550/8270	30-109	01/15	01/15	KK
Nitrobenzene-d5	83.0	%	3550/8270	15-121	01/15	01/15	KK
2-Fluorobiphenyl	87.0	%	3550/8270	42-111	01/15	01/15	KK
2,4,6-Tribromophenol	93.0	%	3550/8270	47-123	01/15	01/15	KK
Terphenyl-d14	103	%	3550/8270	37-143	01/15	01/15	KK

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 2 of 2
Date: 01/18/2002
Log #: L59484-16

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: L59484-1 MS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
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8270 Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQI

QAP# 980126	DOH# E86240	NC CERT# 444	
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Respectfully submitted,

Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
 1985 Cope Lane
 Pensacola, FL 32526
 Jeremy Jernigan

Page: Page 1 of 2
Date: 01/18/2002
Log #: L59484-17

Sample Description:

L59484-1 through 8
 NAS Powerhouse

Analytical Report: L59484-1 MSD
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Date	Date	Analyst
PCB Soil QC								
PCB 1016	N/A	%	3550/8082	33-147	01/14	01/14	RR	
PCB 1260	N/A	%	3550/8082	18-159	01/14	01/14	RR	
Dilution Factor	1.0		3550/8082		01/14	01/14	RR	
Surrogate Recoveries:								
TCMX	130	%	3550/8082	48-126	01/14	01/14	RR	
Decachlorobiphenyl	117	%	3550/8082	47-159	01/14	01/14	RR	
8270 Soil QC								
Phenol	93.0	%	3550/8270	35-114	01/15	01/15	KK	
2-Chlorophenol	92.0	%	3550/8270	34-113	01/15	01/15	KK	
1,4-Dichlorobenzene	83.0	%	3550/8270	31-100	01/15	01/15	KK	
N-Nitrosodi-n-propylamine	84.0	%	3550/8270	26-118	01/15	01/15	KK	
1,2,4-Trichlorobenzene	86.0	%	3550/8270	21-125	01/15	01/15	KK	
4-Chloro-3-Methylphenol	88.0	%	3550/8270	21-148	01/15	01/15	KK	
Acenaphthene	89.0	%	3550/8270	40-117	01/15	01/15	KK	
2,4-Dinitrotoluene	83.0	%	3550/8270	30-116	01/15	01/15	KK	
4-Nitrophenol	73.0	%	3550/8270	10-127	01/15	01/15	KK	
Pentachlorophenol	85.0	%	3550/8270	24-136	01/15	01/15	KK	
Di-N-Butylphthalate	95.0	%	3550/8270	26-136	01/15	01/15	KK	
Pyrene	96.0	%	3550/8270	24-150	01/15	01/15	KK	
Dilution Factor	1.0		3550/8270		01/15	01/15	KK	
Surrogate Recoveries:								
2-Fluorophenol	94.0	%	3550/8270	29-129	01/15	01/15	KK	
Phenol-d5	96.0	%	3550/8270	30-109	01/15	01/15	KK	
Nitrobenzene-d5	95.0	%	3550/8270	15-121	01/15	01/15	KK	
2-Fluorobiphenyl	97.0	%	3550/8270	42-111	01/15	01/15	KK	
2,4,6-Tribromophenol	94.0	%	3550/8270	47-123	01/15	01/15	KK	
Terphenyl-d14	108	%	3550/8270	37-143	01/15	01/15	KK	

Client #: GCL-03-000016
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Page: Page 2 of 2
Date: 01/18/2002
Log #: L59484-17

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: L59484-1 MSD
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Analyst	Reportable Extr.	Anly.
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8270 Soil QC (continued)

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted, Mike Kimmel Senior Project Manager
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449	
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122	
ELPAT# 13801	GA CERT# 917		
VA CERT# 00395	USDA Soil Permit# S-35240		

Client #: GCL-03-000016
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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-18

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: MSAMP L59399-1
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Reportable Extr.	Anly.	Date	Analyst
Volatile Organic Compounds									
Benzene	BDL	mg/kg (dw)	5030/8260	0.0020	01/10	01/10	BL		
Chlorobenzene	BDL	mg/kg (dw)	5030/8260	0.0050	01/10	01/10	BL		
1,1-Dichloroethane	BDL	mg/kg (dw)	5030/8260	0.0050	01/10	01/10	BL		
Toluene	BDL	mg/kg (dw)	5030/8260	0.0050	01/10	01/10	BL		
Trichloroethene	BDL	mg/kg (dw)	5030/8260	0.0050	01/10	01/10	BL		
Dilution Factor	1.0		5030/8260			01/10	01/10	BL	
Surrogate Recoveries:									
Dibromofluoromethane	98.0	%	5030/8260	52-155	01/10	01/10	BL		
Toluene-D8	91.0	%	5030/8260	46-154	01/10	01/10	BL		
4-Bromofluorobenzene	64.0	%	5030/8260	36-138	01/10	01/10	BL		

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40650	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-19

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: L59399-1 MS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
8260 Soil QC							
1,1-Dichloroethene	116	%	5030/8260	41-145	01/10	01/10	BL
Benzene	116	%	5030/8260	35-146	01/10	01/10	BL
Trichloroethene	112	%	5030/8260	29-149	01/10	01/10	BL
Toluene	118	%	5030/8260	19-148	01/10	01/10	BL
Chlorobenzene	118	%	5030/8260	17-146	01/10	01/10	BL
Dilution Factor	1.0		5030/8260		01/10	01/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	117	%	5030/8260	52-155	01/10	01/10	BL
Toluene-D8	104	%	5030/8260	46-154	01/10	01/10	BL
4-Bromofluorobenzene	76.0	%	5030/8260	36-138	01/10	01/10	BL

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-20

Sample Description:
L59484-1 through 8
NAS Powerhouse

Analytical Report: L59399-1 MSD
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Extr. Date	Anly. Date	Analyst
8260 Soil QC							
1,1-Dichloroethene	122	%	5030/8260	41-145	01/10	01/10	BL
Benzene	124	%	5030/8260	35-146	01/10	01/10	BL
Trichloroethene	122	%	5030/8260	29-149	01/10	01/10	BL
Toluene	124	%	5030/8260	19-148	01/10	01/10	BL
Chlorobenzene	128	%	5030/8260	17-146	01/10	01/10	BL
Dilution Factor	1.0		5030/8260		01/10	01/10	BL
Surrogate Recoveries:							
Dibromofluoromethane	123	%	5030/8260	52-155	01/10	01/10	BL
Toluene-D8	112	%	5030/8260	46-154	01/10	01/10	BL
4-Bromofluorobenzene	79.0	%	5030/8260	36-138	01/10	01/10	BL

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,
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Senior Project Manager

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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-21

Sample Description:

L59484-1 through 8
NAS Powerhouse

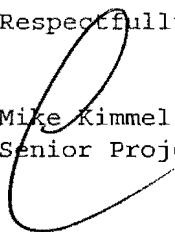
Analytical Report: L59384-4 MS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
ELPRO Soil QC							
TPH(C8-C40)	99.0	%	FLPRO	63-153	01/15	01/15	AW
Dilution Factor	1.0		FLPRO		01/15	01/15	AW
Surrogate Recoveries:							
o-Terphenyl	109	%	FLPRO	62-109	01/15	01/15	AW
Tritriaccontane	86.0	%	FLPRO	60-118	01/15	01/15	AW

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-22

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: L59384-4 MSD
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
FLPRO Soil QC							
TPH(C8-C40)	97.0	%	FLPRO	63-153	01/15	01/15	AW
Dilution Factor	1.0		FLPRO		01/15	01/15	AW
Surrogate Recoveries:							
o-Terphenyl	108	%	FLPRO	62-109	01/15	01/15	AW
Tritriaccontane	94.0	%	FLPRO	60-118	01/15	01/15	AW

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-23

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: MSAMP L59397-2
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Organochlorine Pesticides							
gamma-BHC	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Heptachlor	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Aldrin	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Dieldrin	BDL	ug/kg (dw)	3550/8081	1.7	01/13	01/16	TB
Endrin	BDL	ug/kg (dw)	3550/8081	3.3	01/13	01/16	TB
4,4'-DDT	BDL	ug/kg (dw)	3550/8081	3.3	01/13	01/16	TB
Dilution Factor	1.0		3550/8081		01/13	01/16	TB
Surrogate Recoveries:							
TCMX	51.0	%	3550/8081	48-126	01/13	01/16	TB
DCB	41.0	%	3550/8081	47-159	01/13	01/16	TB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-26

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: MSAMP L58500-2
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.	Anly.	Limit	Date	Date	Analyst
Metals									
Arsenic	BDL	mg/kg (dw)	3050/6010	0.50		01/15	01/16	SB	
Cadmium	BDL	mg/kg (dw)	3050/6010	1.0		01/15	01/16	SB	
Chromium	1.5	mg/kg (ww)	3050/6010	1.0		01/15	01/16	SB	
Lead	1.1	mg/kg (ww)	3050/6010	1.0		01/15	01/16	SB	

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

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Client #: GCL-03-000016
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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-27

Sample Description:

L59484-1 through 8
NAS Powerhouse

Analytical Report: L58500-2 MS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Metals Soil QC							
Arsenic	77.4	%	3050/6010	80-120	01/15	01/16	SB
Cadmium	79.3	%	3050/6010	80-120	01/15	01/16	SB
Chromium	84.0	%	3050/6010	80-120	01/15	01/16	SB
Lead	81.0	%	3050/6010	80-120	01/15	01/16	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RFD; 4:matrix int. 5:improper fld. protocol
FLDDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDDEP Flags: Y-improper preservation; E-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

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Client #: GCL-03-000016
Address: PSI
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Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-28

Sample Description:
L59484-1 through 8
NAS Powerhouse

Analytical Report: L58500-2 MSD
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Metals Soil QC							
Arsenic	77.1	%	3050/6010	80-120	01/15	01/16	SB
Cadmium	78.9	%	3050/6010	80-120	01/15	01/16	SB
Chromium	84.6	%	3050/6010	80-120	01/15	01/16	SB
Lead	81.0	%	3050/6010	80-120	01/15	01/16	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Ph/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122, 86109, E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,
Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-29

Sample Description:

L59484-9,10
NAS Powerhouse

Analytical Report: B-14, SMS
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Anly. Date	Analyst
				Limit	Date		
8081 Soil QC							
gamma-BHC	65.0	%	3550/8081	28-158	01/17	01/17	TB
Heptachlor	70.0	%	3550/8081	26-167	01/17	01/17	TB
Aldrin	69.0	%	3550/8081	22-147	01/17	01/17	TB
Dieldrin	74.0	%	3550/8081	10-177	01/17	01/17	TB
Endrin	75.0	%	3550/8081	15-194	01/17	01/17	TB
4,4'-DDT	54.0	%	3550/8081	10-192	01/17	01/17	TB
Dilution Factor	1.0		3550/8081		01/17	01/17	TB
Surrogate Recoveries:							
TCMX	46.0	%	3550/8081	48-126	01/17	01/17	TB
DCB	57.0	%	3550/8081	47-159	01/17	01/17	TB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect (RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,


Mike Kimmel
Senior Project Manager

Client #: GCL-03-000016
Address: PSI
1985 Cope Lane
Pensacola, FL 32526
Jeremy Jernigan

Page: Page 1 of 1
Date: 01/18/2002
Log #: L59484-30

Sample Description:

L59484-9,10
NAS Powerhouse

Analytical Report: B-14, SMSD
Date Sampled: 01/10/2002
Time Sampled: 00:00
Date Received: 01/11/2002
Collected By: Client

Parameter	Results	Units	Method	Reportable Extr. Anly.			
				Limit	Date	Date	Analyst
8081 Soil QC							
gamma-BHC	68.0	%	3550/8081	28-158	01/17	01/17	TB
Heptachlor	73.0	%	3550/8081	26-167	01/17	01/17	TB
Aldrin	71.0	%	3550/8081	22-147	01/17	01/17	TB
Dieldrin	76.0	%	3550/8081	10-177	01/17	01/17	TB
Endrin	77.0	%	3550/8081	15-194	01/17	01/17	TB
4,4'-DDT	55.0	%	3550/8081	10-192	01/17	01/17	TB
Dilution Factor	1.0		3550/8081		01/17	01/17	TB
Surrogate Recoveries:							
TCMX	52.0	%	3550/8081	48-126	01/17	01/17	TB
DCB	62.0	%	3550/8081	47-159	01/17	01/17	TB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.

Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.

Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code

FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol

FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank

FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122, 86109, E86048 ADEM ID# 40850 MA CERT# M-FL449
SC CERT# 96031001 TN CERT# 02985 CT CERT# PH-0122
ELPAT# 13801 GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-35240

Respectfully submitted,

Mike Kimmel
Senior Project Manager



January 18, 2002

Jeremy Jernigan
PSI-Pensacola
1985 Cope Lane
Pensacola, FL. 32526

Non-Conformance Report: 8081 Analysis

The DDT check standard recovered low for the MS/MSD, below the +/-15%. The endcap had additional compounds failing +/-15% criteria but were within CLP criteria. The data was reported because the samples, LCS, and blank were analyzed within passing checkstand and endcap. All spiking compounds for the LCS,MS/MSD recovered within control limits.

APPENDIX B

BORING RECORDS

SOIL BORING LOG

BORING/PIT NO: B-1

SHEET 1 OF

PROJECT NO:

DATE: 12/5/01

PROJECT NAME: Pepe NAS, Bldg 782

BORING/PIT SITE LOCATION PLAN:

SEC: **TWN:** **RGE:** **LAT:** **LONG:**

DRILLING CO: PST

DRILL CREW: //

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE	ACTUAL TIME	DEPTH BLS
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Table 1. Summary of the main characteristics of the three groups of patients.

Table 1. Summary of the main characteristics of the three groups of patients.

Table 1. Summary of the main characteristics of the four groups of patients.

10 of 10

~~PID~~ USCS REMAR

(PPM)

DEPTH	SAMPLE NO.	PEN RATE/ BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input checked="" type="checkbox"/> (PPM)	USCS	REMARKS
			Gravel			
B-1 0' 0900			Brown Coarsely Med. Sand			Large Green spots
B1 1.5' 0930						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-2

SHEET 1 OF

DATE: 12/15/01

PROJECT NAME: Peoria NAS, Bldg 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:

SEC: TWN: RGE: LAT: LONG:

DRILLING CO: PSI

DRILL CREW: "

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE	ACTUAL TIME	DEPTH BLS

DEPTH	SAMPLE NO.	PEN. RATE/ BLOW COUNTS	DESCRIPTION	FID <input type="checkbox"/> PID <input checked="" type="checkbox"/> (PPM)	USCS	REMARKS
0	B-2 0'	1000	2 1/2" Asphalt			
	B-2 0'		Brown Med Sand w/Gravel			
1'						Refined 10 1/2' Moved 4' West
1'	B-2 1.5'	1010				
2'						
3'						
4'						
5'						
6'						
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99'						
100'						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B - 3

SHEET 1 OF

DATE: 12/5/01

PROJECT NAME: Peoria MAS, Bidg 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:

SEC: TWN: RGE: LAT: LONG:

DRILLING CO: PSI

DRILL CREW: "

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS:	LENGTH	WIDTH	DEPTH
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GROUNDWATER LEVELS

DATE	ACTUAL TIME	DEPTH BLS
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DEPTH	SAMPLE NO.	PIEN RATE BLow COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input checked="" type="checkbox"/> (PPM)	USCS	REMARKS
0	<u>B-3</u>	<u>0'</u> <u>111S</u>	Shell 4" Orange S/S sand			
1'	<u>B-3</u>	<u>1.5'</u> <u>111S</u>	Tan Brown Med Sand			
2'						
3'						
4'						
5'						
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7'						
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12'						
13'						
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99'						
100'						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-4

SHEET 1 OF

DATE: 12/ 01

PROJECT NAME: Peña NAs, Bldg 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:

SEC: **TWN:** **RGE:** **LAT:** **LONG:**

DRILLING CO: PST

DRILL CREW: //

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-5

SHEET 1 OF

DATE: 12/15/01 PROJECT NAME: Peoria NAS, Bid 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:

	SEC:	TWN:	RGE:	LAT:	LONG:
	DRILLING CO:	PSI			
	DRILL CREW:	" "			
	DRILLING/TRENCHING METHOD:	Hand Auger			
	PIT DIMENSIONS:	LENGTH	WIDTH	DEPTH	
	GROUNDWATER LEVELS				
	DATE	ACTUAL TIME		DEPTH BLS	

DEPTH	SAMPLE NO.	PEN-RAFFER BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input type="checkbox"/> (PPM)	USCS	REMARKS
0'	B-S	0' 100's	5" Concrete Orange G/S Sand Base			
1'	B-S	1.5' 100's	6" Brown Mid Sand Tan Sand			
2'						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B - 6

SHEET 1 OF

PROJECT NO:

DATE: 12/5/01 PROJECT NAME: PeopleNAS, Bldg 782

BORING/PIT SITE LOCATION PLAN:

SEC: **TWN:** **RGE:** **LAT:** **LONG:**

DRILLING CO: PST

DRILL CREW: //

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE	ACTUAL TIME	DEPTH BLS
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Digitized by srujanika@gmail.com

Table 1. Summary of the results of the two experiments.

PREPARED BY:

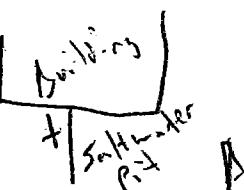
SOIL BORING LOG

BORING/PIT NO: B-7

SHEET 1 OF

DATE: 12/1/01 PROJECT NAME: Poco L. NAS, Bldg 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN: 	SEC:	TWN:	RGE:	LAT:	LONG:
	DRILLING CO: PSI				
	DRILL CREW: 11				
	DRILLING/TRENCHING METHOD: Hand Auger				
	PIT DIMENSIONS:	LENGTH	WIDTH	DEPTH	
	GROUNDWATER LEVELS				
		DATE	ACTUAL TIME	DEPTH BLS	

DEPTH	SAMPLE NO.	PEN. RATE BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input checked="" type="checkbox"/> (PPM)	USCS	REMARKS
0'	B-7	0'	Gravel			
0'	1310		Brown And Sand			
1'	B-7	1.5'				
1'	1315		— Firm sand w/ Shell/Refusal			
2'						
3'						
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PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-8

SHEET 1 OF

DATE: 12/13/01	PROJECT NAME: Poco In, NAS, Bldg 782	PROJECT NO:	
BORING/PIT SITE LOCATION PLAN:		SEC: TWN: RGE: LAT: LONG:	
		DRILLING CO: PSI	
		DRILL CREW: 11	
		DRILLING/TRENCHING METHOD: Hand Auger	
		PIT DIMENSIONS: LENGTH WIDTH DEPTH	
GROUNDWATER LEVELS			
		DATE	ACTUAL TIME
			DEPTH BLS

DEPTH	SAMPLE NO.	PEN. RATE BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input type="checkbox"/> (PPM)	USCS	REMARKS
0'	B-8	(Gravel)	Brown Med Sand/1 Shell			
1'	0'	1140				
1.5'	B-8	1150				
2'						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B - 9

SHEET 1 OF

DATE: 12/5/01

PROJECT NAME: Poco la NAS, Bjdy 782

PROJECT NO.

BORING/PIT SITE LOCATION PLAN:

SEC: **TWN:** **RGE:** **LAT:** **LONG:**

TWN: RGE: LAT:

LONG:

DRILLING CO: PST

DRILL CREW: //

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B - 10

SHEET 1 OF

DATE: 12/5/01

PROJECT NAME: Penta NAS, Bid 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:

SEC: **TWN:** **RGE:** **LAT:** **LONG:**

DRILLING CO: PST

DRILL CREW: //

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

DEPTH	SAMPLE NO.	PEN. RATE	BLOW COUNTS
-------	------------	-----------	------------------------

DESCRIPTION

~~FID~~
~~PID~~
~~PPM~~

USCS

REMARKS

0
B-10
0'
1350
1
B-10
1.5'
1340
2'

Tan Orange Med Sand w/shell

Lt. Gray Med Sand w/shell

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B - 11

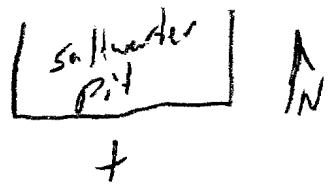
SHEET 1 OF

DATE: 12/1/01

PROJECT NAME: Pecta NAS, Bldg 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:



SEC: TWN: RGE: LAT: LONG:

DRILLING CO: PSI

DRILL CREW: //

DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

DEPTH	SAMPLE NO.	PEN. RATE/ BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input type="checkbox"/> (PPM)	USCS	REMARKS
0	B-11 0'		7" Concrete 4" Tan Mod Sand 6" Steel 1/3 Grey Sand			
1'	B-11 1.5' 1LS6		Orange Red Silt/Hx Sand — Tan Mod Sand			
2'						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-12

SHEET 1 OF

DATE: 12/15/01

PROJECT NAME: Peoria NAS, Bldg 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:

SEC: TWN: RGE: LAT: LONG:

DRILLING CO: PSIDRILL CREW: 11DRILLING/TRENCHING METHOD: Hand Auger

PIT DIMENSIONS: LENGTH WIDTH DEPTH

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

DEPTH	SAMPLE NO.	PEN. RATE/ BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input type="checkbox"/> (PPM)	USCS	REMARKS
0'	B12 0'		Asphalt			
1'	1210		Orange Base-S/S Sand Tire And Sand / Shell Gravel and Concrete @ 1' - refusal 2 locations			Notable to sample 1.5'
2'						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-13

SHEET 1 OF

DATE: 12/10/02	PROJECT NAME: Peacock NAS, Bldg 782			PROJECT NO:		
BORING/PIT SITE LOCATION PLAN:		SEC:	TWN:	RGE:	LAT:	LONG:
		DRILLING CO: PSI				
		DRILL CREW: //				
		DRILLING/TRENCHING METHOD: Hand Auger				
		PIT DIMENSIONS:		LENGTH	WIDTH	DEPTH
GROUNDWATER LEVELS						
		DATE	ACTUAL TIME		DEPTH BLS	

DEPTH	SAMPLE NO.	PEN. RATE BLow COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/>	FID <input type="checkbox"/> (PPM)	USCS	REMARKS
0	B-13,		5" inches Concrete	<input checked="" type="checkbox"/>			1" void
	0'		6" orange & F-TI				
			Brown/Tan Mid Sand - / Shell				
1'	B-13,						
1.5'							
2'							

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-14

SHEET 1 OF

DATE: 10/10/07	PROJECT NAME: Peoria NAs, Bldg 782	PROJECT NO:					
BORING/PIT SITE LOCATION PLAN:	SEC:	TWN:	RGE:	LAT:	LONG:		
	DRILLING CO: PSI						
	DRILL CREW: //						
	DRILLING/TRENCHING METHOD: Hand Auger						
	PIT DIMENSIONS:	LENGTH	WIDTH	DEPTH			
	GROUNDWATER LEVELS						
	DATE	ACTUAL TIME	DEPTH BLS				
DEPTH	SAMPLE NO.	PIEN RATE TEST BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/>	PID <input checked="" type="checkbox"/> (PPM)	USCS	REMARKS
0'	B-14	0'	8" Concrete w/ $\frac{1}{2}$ " void				
1'	B-14	1.5'	Brown/Fan Medium Sand				
2'							
3'							
4'							
5'							
6'							
7'							
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PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B - 15

SHEET 1 OF

DATE: 10/10/01	PROJECT NAME: Peoria NAS, Bldg 782	PROJECT NO:
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BORING/PIT SITE LOCATION PLAN:	SEC:	TWN:	RGE:	LAT:	LONG:	
	DRILLING CO: PSI					
	DRILL CREW: //					
	DRILLING/TRENCHING METHOD: Hand Auger					
	PIT DIMENSIONS:	LENGTH	WIDTH	DEPTH		
	GROUNDWATER LEVELS					
	DATE	ACTUAL TIME		DEPTH BLS		

DEPTH	SAMPLE NO.	PEN. RATE/ BLW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/> PID <input type="checkbox"/> (PPM)	USCS	REMARKS
0	B-15,		5" Concrete			
0'	0'		4" Orange s/s (i:11 Brown / tan Med Sand / shell)			
1'	B-15,					
1.5'	1.5'					
2'						
3'						
4'						
5'						
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29'						
30'						

PREPARED BY:

SOIL BORING LOG

BORING/PIT NO: B-16

SHEET 1 OF

DATE: 12/10/02

PROJECT NAME: Pcola NAS, Bldg 782

PROJECT NO:

BORING/PIT SITE LOCATION PLAN:		SEC:	TWN:	RGE:	LAT:	LONG:
		DRILLING CO: PSI				
		DRILL CREW: //				
		DRILLING/TRENCHING METHOD: Hand Auger				
		PIT DIMENSIONS:	LENGTH	WIDTH	DEPTH	
		GROUNDWATER LEVELS				
		DATE	ACTUAL TIME		DEPTH BLS	

DEPTH	SAMPLE NO.	PEN RATE/ BLOW COUNTS	DESCRIPTION	FID <input checked="" type="checkbox"/>	PID <input checked="" type="checkbox"/>	(PPM)	USCS	REMARKS
0'	B-16, 0'		6" Concrete / 1" Void					
			2" Black silty sand					
			Tan Medium sand					
1'	B-16, 0'							
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